

From: Denise Tsuji
To: anthony.kouzen@navy.mil; gary.butner@cdph.ca.gov; guy.taibi@cdph.ca.go...
CC: Remedios Sunga; Ryan Miya
Date: 12/7/2010 6:06 PM
Subject: Attendee List
Attachments: TI Mtg Attendees_12.07.2010.xls

Hi Everyone,

Please find attached the attendee sheet from today's Treasure Island meeting. We took the liberty and included the e-mail address, for everyone's convenience.

My apologies in advance for any errors; admin support activities are not my strong suit. If there are correction or additions, please let me know.

Nice meeting everyone today,
Denise

Denise Tsuji
Unit Chief
Brownfields and Environmental Resoration Program
Department of Toxic Substances Control
700 Heinz Avenue
Berkeley, CA 94710
Office: 510-540-3824
Fax No.: 510-540-3819

CDPH / NAVY / DTSC MEETING Tuesday, December 07, 2010

Name	Agency	Phone Number	Email
Barbara Cook	DTSC	(510) 540-3843	bcook@dtsc.ca.gov
Denise Tsuji	DTSC	(510) 540-3824	dttsuji@dtsc.ca.gov
Ryan Miya	DTSC	(510) 540-3775	rmiya@dtsc.ca.gov
Anthony Kouzen	Navy	(619) 532-0924	anthony.kouzen@navy.mil
James B. Sullivan	Navy	(619) 532-0966	james.b.sullivan2@navy.mil
Lawrence Lansdale	Navy	(619) 532-0961	lawrence.lansdale@navy.mil
Stephen Hsu	CDPH/RHB	(916) 440-7940	steve.hsu@cdph.ca.gov
Gary Butner	CDPH/RHB	(916) 440-7942	gary.butner@cdph.ca.gov
Victor Anderson	CDPH/RHB	(916) 440-7931	victor.anderson@cdph.ca.gov
Larry Morgan	CDPH/EMB	(916) 449-5921	larry.morgan@cdph.ca.gov
Gaetano Taibi	CDPH/EMB	(916) 322-5769	guy.taibi@cdph.ca.gov

By Phone

[illegible]

From: Denise Tsuji
To: james.b.sullivan2@navy.mil
CC: Remedios Sunga
Date: 12/27/2010 9:21 AM
Subject: Fwd: Technical Information on Treasure Island

Good Morning, Jim,

This was received by Barbara Cook last week, while she was out of the office. The note below is a follow-up from CDPH, Radiological Health Branch. CDPH would like the information by January 15. I recognize with the holidays, staffing may not be optimal. Please let me know if the January 15th date is do-able.

Ryan is taking this week off; I will be out Wednesday-Friday.

Thanks,
Denise

Denise Tsuji
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Department of Toxic Substances Control
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Berkeley, CA 94710
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Fax No.: 510-540-3819

>>> Barbara Cook 12/27/10 08:07AM >>>

>>> "Anderson, Victor (CDPH-RHB)" <Victor.Anderson@cdph.ca.gov> 12/20/2010 9:18 AM >>>

Barbara,

Please ask the BRAC PMO for T.I. to send me the following information:

- A. A copy of the geotechnical and hydrology report for Treasure Island.
- B. A list of all radioactive items (commodities) removed from T.I. The list should have the radionuclide, radioactivity level (in Curies or Becquerels or one of their subunits), and dose rate at a foot (or the distance the dose rate was measured at).
- C. A copy of the procedure by which the radionuclide and radioactivity level was determined.

Please ask them to provide this information to me by 1/15/2011.

Thanks,

Victor

From: Barbara Cook
To: Ward, Dan, Tsuji, Denise, Miya, Ryan, Sunga, Remedios, Alasti, Isabella
Date: 1/18/2011 10:51 AM
Subject: Fw: Treasure Island Site 12 - Technical Information Requested by CDPH
Attachments: RE: Treasure Island Site 12 - Technical Information Requested by CDPH

From: "Konzen, Anthony CTR OASN (EI&E), BRAC PMO West" <anthony.konzen.ctr@navy.mil>
To: "Anderson, Victor (CDPH-RHB)" <Victor.Anderson@cdph.ca.gov>
CC: "Sullivan, James B CIV OASN (EI&E), BRAC PMO West" <james.b.sullivan2@na...
Date: 1/18/2011 10:48 AM
Subject: RE: Treasure Island Site 12 - Technical Information Requested by CDPH
Attachments: TI Commodity Master Inventory_Rev e.xlsx

Victor - Upon receipt of your Friday email asking about radioactivity estimates I had asked Shaw to look into the matter. The attached spreadsheet shows the estimated radioactivity of the commodities.

Regards,

Tony K.

Anthony D. Konzen, PG 7106, CHG 850
PM, BRAC PMO
1455 Frazee Road, Suite 900
San Diego, CA 92108
Ph: 619-532-0924
Fax: 619-532-0983

-----Original Message-----

From: Anderson, Victor (CDPH-RHB) [mailto:Victor.Anderson@cdph.ca.gov]
Sent: Tuesday, January 18, 2011 9:07
To: Jue, Tracy (CDPH-DDWEM)
Cc: Konzen, Anthony CTR OASN (EI&E), BRAC PMO West; Sullivan, James B CIV OASN (EI&E), BRAC PMO West; bcook@dtsc.ca.gov; Fassell, John (CDPH-DFDRS-RHB-RMS)
Subject: RE: Treasure Island Site 12 - Technical Information Requested by CDPH
Importance: High

Tracy,

Thank you. However, this is not the information I asked for. I already have a listing of commodities and their dose rates. What I want is the estimated radioactivity contained in each of the commonalities listed in Curies, Becquerel's or their subunits. Dose rate is not the amount of radioactivity. Please ask BRAC PMO to provide the information I asked for below. If it is not known, then that it should be stated that the requested information is not known.

Thank you,

Victor Anderson, CHP

Supervising Health Physicist

Radiologic Health Branch

California Department of Public Health

OFFICE: 916-440-7931

CELL: 916-806-6943

-----Original Message-----

From: Jue, Tracy (CDPH-DDWEM)

Sent: Tuesday, January 18, 2011 8:48 AM

To: Anderson, Victor (CDPH-RHB)

Subject: RE: Treasure Island Site 12 - Technical Information Requested by CDPH

Victor:

Attached is Site 12 list of commodities with dose rates only.

Thanks

Tracy

-----Original Message-----

From: Anderson, Victor (CDPH-RHB)

Sent: Friday, January 14, 2011 7:11 AM

To: 'Konzen, Anthony CTR OASN (EI&E), BRAC PMO West'

Cc: Sullivan, James B CIV OASN (EI&E), BRAC PMO West; Clark, David J CIV NAVFAC SW; Lansdale, Lawrence L CIV OASN (EI&E), BRAC PMO West; Edwards, Zachary L CIV SEA 04 04N; Lowman, Laurie L CIV SEA 04 04N; Morgan, Larry (CDPH-PS-DDWEM); Jue, Tracy (CDPH-DDWEM); Ryan Miya; dtsuji@dtsc.ca.gov; Foote, Gary; Bourgeois, Peter; Hamm, John; William.carson@terraphase.com; Ross Steenson; garvey.melinda@epa.gov; Rash, Marcie; Fassell, John (CDPH-DFDRS-RHB-RMS); Butner, Gary (CDPH-RHB)

Subject: RE: Treasure Island Site 12 - Technical Information Requested by CDPH

Tony,

Thank you for supplying me with the information below. I was able to access the Shaw Net. In reviewing the data, I have not found estimated radioactivity levels of any of the commodities found at Treasure Island in either Curies, Becquerel's, or their subunits. The gamma analysis report clearly states on page two that estimates of such radioactivity would be made using the gamma factor for Ra-226. Please provide me a listing of the estimated radioactivity levels of the commodities found at Treasure Island.

Thanks,

Victor

-----Original Message-----

From: Konzen, Anthony CTR OASN (EI&E), BRAC PMO West [mailto:anthony.konzen.ctr@navy.mil]

Sent: Thursday, January 13, 2011 4:24 PM

To: Anderson, Victor (CDPH-RHB)

Cc: Sullivan, James B CIV OASN (EI&E), BRAC PMO West; Clark, David J CIV NAVFAC SW; Lansdale, Lawrence L CIV OASN (EI&E), BRAC PMO West; Edwards, Zachary L CIV SEA 04 04N; Lowman, Laurie L CIV SEA 04 04N; Morgan, Larry (CDPH-PS-DDWEM); Jue, Tracy (CDPH-DDWEM); Ryan Miya; dtsuji@dtsc.ca.gov; Foote, Gary; Bourgeois, Peter; Hamm, John; William.carson@terraphase.com; Ross Steenson; garvey.melinda@epa.gov; Rash, Marcie

Subject: Treasure Island Site 12 - Technical Information Requested by CDPH

Victor - I am attaching some of the documentation you requested in your email to DTSC during the holidays, and providing some detail where the rest of the information may be found.

Groundwater Studies

I have attached two reports: 1) An aquifer characterization study report and, 2) a tidal study report.

I am also having a CD version of the 2009 Annual Groundwater Monitoring Report for Sites 12 and 6 sent to you by our groundwater sampling contractor, TREVET. This should arrive tomorrow.

List of Commodities with Radiological Data

Shaw has setup a folder on the Shaw Portal/SharePoint site called "DPH Library." The current commodity list is there. Note that all of the New World and Shaw commodities that have been analyzed to date contain

radium-226 with the associated daughter products. The New World laboratory reports describing the procedures, methods and results of gamma spectral analysis completed at the Site with appendices containing the raw data can be found in the "DPH" folder as well, labeled as "NWT Commodity Evaluation Reports."

Note that for future commodities being placed in the locker, Shaw is making arrangements to obtain equipment that will discern radionuclide type as the commodities are retrieved from the field, in addition to dose measurements.

Radiological Procedures

A copy of the Site 12 Removal action Work Plan with Appendices has also been placed in the DPH folder. The SAP (Appendix C) contains details on radiological sampling procedures used at Site 12. I also understand that John Hamm has provided the relevant radiation protection SOPs to Paul Lavelly.

You should be receiving login information from Shaw needed to access the SharePoint site. Please call me if you have any questions.

Regards,

Tony K.

Anthony D. Konzen, PG 7106, CHG 850

PM, BRAC PMO

1455 Frazee Road, Suite 900

San Diego, CA 92108

Ph: 619-532-0924

Fax: 619-532-0983

Treasure Island Site 12
Commodities Discovered During Excavation Activities as of 7/8/10

Cumul. Total	Item Number	Date	Contact (hot)	Contact (cool)	1 foot	1 Foot #2	Location Found	Description	Onsite/Offsite	Estimated Ra-226 Activity Based on 30cm Dose Rates with RadPro Calculator	
Commodities Recovered by New World Technologies										µCi	
1	TI-01	NA	NA	NA	28 µr/hr	28	NA	jar	Offsite	3.43	
2	TI-02	NA	NA	NA	22 µr/hr	22	NA	jar	Offsite	2.69	
3	TI-03	NA	NA	NA	44 µr/hr	44	NA	jar	Offsite	5.38	
4	TI-04	NA	NA	NA	32 µr/hr	32	NA	jar	Offsite	3.92	
5	TI-05	NA	NA	NA	12 mr/hr	12	NA	jar	Offsite	1468.13	
6	TI-06	NA	NA	NA	10 mr/hr	10	NA	foil	Offsite	1223.44	
7	TI-07	NA	NA	NA	9 mr/hr	9	NA	foil	Offsite	1101.10	
8	TI-08	NA	NA	NA	10 mr/hr	10	NA	foil	Offsite	1223.44	
9	TI-09	NA	NA	NA	8 mr/hr	12	NA	foil	Offsite	978.75	
10	TI-10	NA	NA	NA	6 mr/hr	6	NA	foil	Offsite	734.06	
11	TI-11	NA	NA	NA	6 mr/hr	6	NA	foil	Offsite	734.06	
12	TI-12	NA	NA	NA	6 mr/hr	6	NA	foil	Offsite	734.06	
13	TI-13	NA	NA	NA	8 mr/hr	8	NA	foil	Offsite	978.75	
14	TI-14	NA	NA	NA	5 mr/hr	8	NA	foil	Offsite	611.72	
15	TI-15	NA	NA	NA	9 mr/hr	11	NA	foil	Offsite	1101.10	
16	TI-16	NA	NA	NA	8 mr/hr	6	NA	foil	Offsite	978.75	
17	TI-17	NA	NA	NA	6 mr/hr	6	NA	foil	Offsite	734.06	
18	TI-18	NA	NA	NA	8 mr/hr	8	NA	foil	Offsite	978.75	
19	TI-19	NA	NA	NA	6 mr/hr	10	NA	foil	Offsite	734.06	
20	TI-20	NA	NA	NA	6 mr/hr	6	NA	foil	Offsite	734.06	
21	TI-21	NA	NA	NA	8 mr/hr	6	NA	foil	Offsite	978.75	
22	TI-22	NA	NA	NA	10 mr/hr	8	NA	foil	Offsite	1223.44	
23	TI-23	NA	NA	NA	4 mr/hr	4	NA	foil	Offsite	489.38	
24	TI-24	NA	NA	NA	4 mr/hr	5	NA	foil	Offsite	489.38	
25	TI-25	NA	NA	NA	12 mr/hr	15	NA	foil	Offsite	1468.13	
26	TI-26	NA	NA	NA	10 mr/hr	13	NA	foil	Offsite	1223.44	
27	TI-27	NA	NA	NA	8 mr/hr	13	NA	foil	Offsite	978.75	
28	TI-28	NA	NA	NA	20 µr/hr	26	NA	button	Offsite	2.45	
29	TI-29	NA	NA	NA	6 µr/hr	6	NA	foil	Offsite	0.73	
30	TI-30	NA	NA	NA	20 µr/hr	26	NA	foil	Offsite	2.45	
31	TI-31	NA	NA	NA	44 µr/hr	46	NA	button	Offsite	5.38	
32	TI-32	NA	NA	NA	40 µr/hr	36	NA	button	Offsite	4.89	
33	TI-33	NA	NA	NA	6 µr/hr	8	NA	button	Offsite	0.73	
34	TI-34	NA	NA	NA	22 µr/hr	26	NA	button	Offsite	2.69	
35	TI-35	NA	NA	NA	22 µr/hr	26	NA	button	Offsite	2.69	
36	TI-36	NA	NA	NA	20 µr/hr	24	NA	button	Offsite	2.45	
37	TI-37	NA	NA	NA	32 µr/hr	36	NA	button	Offsite	3.92	
38	TI-38	NA	NA	NA	30 µr/hr	28	NA	button	Offsite	3.67	
39	TI-39	NA	NA	NA	32 µr/hr	36	NA	button	Offsite	3.92	
40	TI-40	NA	NA	NA	20 µr/hr	16	NA	clear button cover	Offsite	2.45	
41	TI-41	NA	NA	NA	40 µr/hr	34	NA	soil	Offsite	4.89	
	# 42 Skipped in original list	NA	NA	NA	NA	NA	NA	NA	NA		

Treasure Island Site 12
Commodities Discovered During Excavation Activities as of 7/8/10

42	TI-43	NA	NA	NA	26 µr/hr	24	NA	rusted metal	Offsite	3.18
43	TI-44	NA	NA	NA	15 µr/hr	24	NA	metal strap with button	Offsite	1.84
44	TI-45	NA	NA	NA	30 µr/hr	28	NA	soil	Offsite	3.67
45	TI-46	NA	NA	NA	24 µr/hr	24	NA	piece of old deck marker?	Offsite	2.94
46	TI-47	NA	NA	NA	20 µr/hr	18	NA	soil	Offsite	2.45
47	TI-48	NA	NA	NA	15 µr/hr	15	NA	soil	Offsite	1.84
48	TI-49	NA	NA	NA	15 µr/hr	15	NA	soil	Offsite	1.84
49	TI-50	NA	NA	NA	40 µr/hr	44	NA	soil	Offsite	4.89
50	TI-51	NA	NA	NA	15 µr/hr	22	NA	soil	Offsite	1.84
51	TI-52	NA	NA	NA	24 µr/hr	20	NA	soil	Offsite	2.94
52	TI-53	NA	NA	NA	80 µr/hr	90	NA	soil	Offsite	9.79
53	TI-54	NA	NA	NA	22 µr/hr	20	NA	soil	Offsite	2.69
54	TI-55	NA	NA	NA	15 µr/hr	22	NA	soil	Offsite	1.84
55	TI-56	NA	NA	NA	9 mr/hr	12	NA	foil	Offsite	1101.10
56	TI-57	NA	NA	NA	10 mr/hr	8	NA	foil	Offsite	1223.44
57	TI-58	NA	NA	NA	10 mr/hr	6	NA	foil	Offsite	1223.44
58	TI-59	NA	NA	NA	10 mr/hr	12	NA	foil	Offsite	1223.44
59	TI-60	NA	NA	NA	8 mr/hr	8	NA	foil	Offsite	978.75
60	TI-61	NA	NA	NA	6 mr/hr	5	NA	foil	Offsite	734.06
61	TI-62	NA	NA	NA	8 mr/hr	5	NA	two 0.5 cm chunks of corrosion?	Offsite	978.75
62	TI-63	NA	NA	NA	10 mr/hr	12	NA	foil	Offsite	1223.44
63	TI-64	NA	NA	NA	6 mr/hr	4	NA	foil	Offsite	734.06
64	TI-65	NA	NA	NA	8 mr/hr	12	NA	foil	Offsite	978.75
65	TI-66	NA	NA	NA	240 µr/hr	240	NA	foil	Offsite	29.36
66	TI-67	NA	NA	NA	10 mr/hr	10	NA	foil	Offsite	1223.44
67	TI-68	NA	NA	NA	6 mr/hr	8	NA	foil	Offsite	734.06
68	TI-69	NA	NA	NA	10 mr/hr	7	NA	foil	Offsite	1223.44
69	TI-70	NA	NA	NA	8 mr/hr	10	NA	foil	Offsite	978.75
70	TI-71	NA	NA	NA	8 mr/hr	10	NA	foil	Offsite	978.75
71	TI-72	NA	NA	NA	12 mr/hr	10	NA	foil	Offsite	1468.13
72	TI-73	NA	NA	NA	8 mr/hr	10	NA	foil	Offsite	978.75
73	TI-74	NA	NA	NA	1.6 mr/hr	2.4	NA	foil	Offsite	195.75
74	100	NA	NA	NA	58 mr/hr	56	NA	foil	Offsite	7095.95
75	101	NA	NA	NA	10 mr/hr	12	NA	foil	Offsite	1223.44
76	102	NA	NA	NA	5 mr/hr	7.5	NA	foil	Offsite	611.72
77	103	NA	NA	NA	12 µr/hr	12	NA	soil	Offsite	1.47
78	104	NA	NA	NA	8 µr/hr	8	NA	soil	Offsite	0.98
79	105	NA	NA	NA	6 µr/hr	6	NA	soil	Offsite	0.73
80	106	NA	NA	NA	30 µr/hr	30	NA	button	Offsite	3.67
81	107	NA	NA	NA	22 µr/hr	22	NA	button	Offsite	2.69
82	108	NA	NA	NA	15 µr/hr	15	NA	button	Offsite	1.84
83	109	NA	NA	NA	34 µr/hr	34	NA	button	Offsite	4.16
84	110	NA	NA	NA	24 µr/hr	24	NA	button	Offsite	2.94
85	111	NA	NA	NA	12 mr/hr	14	NA	soil	Offsite	1468.13
86	112	NA	NA	NA	40 µr/hr	40	NA	button	Offsite	4.89
87	113	NA	NA	NA	6 µr/hr	6	NA	soil	Offsite	0.73
88	114	NA	NA	NA	230 µr/hr	230	NA	button	Offsite	28.14
89	115	NA	NA	NA	20 µr/hr	20	NA	button	Offsite	2.45

Treasure Island Site 12
Commodities Discovered During Excavation Activities as of 7/8/10

Cumul.	Item	Date	Contact (hot)	Contact (cool)	1 foot (hot)	1 foot (cool)					
Total	Number	Recovered	microR/hr unless otherwise noted				Location (found)	Description	Onsite/Offsite		
90	401	04/28/08	400000	250000	6000	4000	Westside RCRA Pile	foil	Offsite	734.06	
91	402	04/29/08	400000	250000	5000	4000	Westside RCRA Pile	foil	Offsite	611.72	
92	403	04/29/08	500000	350000	10000	8000	Westside RCRA Pile	foil	Offsite	1223.44	
93	404	04/30/08	450000	200000	12000	5000	Westside RCRA Pile	foil	Offsite	1468.13	
94	405	04/30/08	80000	80000	2000	2000	Westside RCRA Pile	possible foil fragments	Offsite	244.69	
95	501	05/01/08	600000	350000	15000	12000	Westside RCRA Pile	foil	Offsite	1835.16	
96	502	05/21/08	2000	1500	40	40	1321 E/F depth 3-4 ft	button	Offsite	4.89	
97	503	05/22/08	100	40	8	8	1321 E/F depth 4 ft	switch	Offsite	0.98	
98	504	05/29/08	1200	800	35	28	1121/1119 depth 1-2 ft	button	Offsite	4.28	
99	601	06/02/08	1000	800	25	20	1121 east side depth 1-2 ft	button	Offsite	3.06	
100	602	06/16/08	50000	40000	2000	2000	1121 south side 3-4 ft	appear to be foil fragments	Offsite	244.69	
101	603	06/19/08	2000	1500	40	40	1121 East Side depth 1-2 ft	button	Offsite	4.89	
102	604	06/26/08	2000	2000	40	40	Site 6 Stockpile	foil	Offsite	4.89	
103	701	07/03/08	2000	1500	40	40	Site 6 Stockpile	button	Offsite	4.89	
104	702	07/24/08	20	10	8	8	1121 South 2-3 ft	electronic component	Offsite	0.98	
105	703	07/24/08	40	20	8	8	1121 South 2-3 ft	metallic piece	Offsite	0.98	
106	704	07/24/08	1200	800	25	25	1121 South 2-3 ft	button like	Offsite	3.06	
107	705	07/24/08	800	300	20	20	1121 South 2-3 ft	metallic piece	Offsite	2.45	
108	706	07/30/08	40	30	8	8	Westside Roadway	switch	Offsite	0.98	
109	707	07/30/08	50	40	8	8	Westside Roadway	metal piece	Offsite	0.98	
110	801	08/04/08	150	150	8	8	Westside 1319 @2'	metal piece	Offsite	0.98	
111	802	08/12/08	300000	260000	10000	10000	Westside 1121	foil	Offsite	1223.44	
112	803	08/19/08	400	300	10	10	Stockpile Site 6	metal fragments	Offsite	1.22	
113	804	08/19/08	200000	160000	10000	10000	Stockpile Site 6	foil fragments	Offsite	1223.44	
114	805	08/20/08	1000	1000	400	400	Stockpile Site 6	metal fragments	Offsite	48.94	
115	806	08/20/08	50	50	10	10	Stockpile Site 6	metal fragments	Offsite	1.22	
116	807	08/26/08	170	170	8	8	Stockpile Site 6	metal fragments	Offsite	0.98	
117	808	08/27/08	800	800	20	20	Stockpile Site 6	metal fragments	Offsite	2.45	
118	809	08/28/08	100	100	8	8	Stockpile Site 6	metal fragments	Offsite	0.98	
119	810	08/28/08	120	120	8	8	Stockpile Site 6	metal fragments	Offsite	0.98	
120	901	09/02/08	500	300	20	20	Stockpile Site 6	metal fragments	Offsite	2.45	
121	902	09/23/08	80	80	10	10	Stockpile Site 6	metal fragments	Offsite	1.22	
122	903	09/23/08	100	100	10	10	Stockpile Site 6	switch	Offsite	1.22	
123	904	09/23/08	30	30	10	10	Stockpile Site 6	metal fragments	Offsite	1.22	
124	905	09/23/08	600	600	40	40	Stockpile Site 6	metal fragments	Offsite	4.89	
125	906	09/23/08	40	40	10	10	Stockpile Site 6	metal fragments	Offsite	1.22	
126	907	09/23/08	40	40	10	10	Stockpile Site 6	metal fragments	Offsite	1.22	
127	908	09/23/08	200	200	10	10	Stockpile Site 6	metal fragments	Offsite	1.22	
128	909	09/23/08	100	100	10	10	Stockpile Site 6	metal fragments	Offsite	1.22	
129	910	09/23/08	60	60	10	10	Stockpile Site 6	metal fragments	Offsite	1.22	
130	911	09/23/08	150	150	10	10	Stockpile Site 6	metal fragments	Offsite	1.22	
131	912	09/23/08	40	40	10	10	Stockpile Site 6	metal fragments	Offsite	1.22	
132	913	09/23/08	320000	280000	4000	3500	Stockpile Site 6	foil	Offsite	489.38	
133	914	09/24/08	50	50	10	10	Stockpile Site 6	metal fragments	Offsite	1.22	
134	915	09/24/08	140	140	14	14	Stockpile Site 6	metal fragments	Offsite	1.71	
135	916	09/24/08	200	80	12	10	Stockpile Site 6	metal fragments	Offsite	1.47	
136	917	09/24/08	50	50	10	10	Stockpile Site 6	metal fragments	Offsite	1.22	
137	918	09/24/08	110	110	10	10	Stockpile Site 6	metal fragments	Offsite	1.22	
138	919	09/24/08	50	50	10	10	Stockpile Site 6	metal fragments	Offsite	1.22	
139	920	09/25/08	40	40	10	10	Stockpile Site 6	metal fragments	Offsite	1.22	
140	921	09/25/08	3000	3000	40	40	Stockpile Site 6	metal fragments	Offsite	4.89	
141	922	09/25/08	220	220	14	14	Stockpile Site 6	metal fragments	Offsite	1.71	
142	923	09/25/08	60	60	10	10	Stockpile Site 6	metal fragments	Offsite	1.22	
143	924	09/25/08	100	100	10	10	Stockpile Site 6	metal fragments	Offsite	1.22	
144	925	09/25/08	150	150	10	10	Stockpile Site 6	metal fragments	Offsite	1.22	
145	926	09/25/08	80	80	10	10	Stockpile Site 6	metal fragments	Offsite	1.22	
146	927	09/25/08	160	120	10	10	Stockpile Site 6	metal fragments	Offsite	1.22	
147	928	09/25/08	140	140	10	10	Stockpile Site 6	metal fragments	Offsite	1.22	
148	929	09/25/08	50	50	10	10	Stockpile Site 6	metal fragments	Offsite	1.22	
149	930	09/25/08	80	80	10	10	Stockpile Site 6	metal fragments	Offsite	1.22	
150	931	09/25/08	80	80	10	10	Stockpile Site 6	metal fragments	Offsite	1.22	
151	932	09/25/08	80	80	10	10	Stockpile Site 6	metal fragments	Offsite	1.22	
152	933	09/25/08	1200	1200	20	20	Stockpile Site 6	metal fragments	Offsite	2.45	
153	934	09/25/08	140	140	10	10	Stockpile Site 6	metal fragments	Offsite	1.22	
154	935	09/25/08	300	300	18	18	Stockpile Site 6	metal fragments	Offsite	2.20	
155	936	09/25/08	150	120	10	10	Stockpile Site 6	metal fragments	Offsite	1.22	
156	937	09/25/08	140	140	10	10	Stockpile Site 6	metal fragments	Offsite	1.22	
157	938	09/25/08	1000	600	30	30	Stockpile Site 6	metal fragments	Offsite	3.67	
158	939	09/29/08	400000	220000	20000	8000	Stockpile Site 6	foil	Offsite	2446.88	
159	940	09/29/08	60	60	10	10	Stockpile Site 6	metal fragments	Offsite	1.22	

Treasure Island Site 12
Commodities Discovered During Excavation Activities as of 7/8/10

Cumul.	Item	Date	Contact (hot)	Contact (cool)	1 foot (hot)	1 foot (cool)				
Total	Number	Recovered	microR/hr unless otherwise noted				Location (found)	Description	Onsite/Offsite	
160	941	09/29/08	50	50	10	10	Stockpile Site 6	metal fragments	Offsite	1.22
161	942	09/29/08	40	40	8	8	Stockpile Site 6	metal fragments	Offsite	0.98
162	943	09/29/08	140	100	10	10	Stockpile Site 6	metal fragments	Offsite	1.22
163	944	09/29/08	40	40	8	8	Stockpile Site 6	metal fragments	Offsite	0.98
164	945	09/29/08	40	40	10	10	Stockpile Site 6	metal fragments	Offsite	1.22
165	946	09/29/08	220	180	10	10	Stockpile Site 6	metal fragments	Offsite	1.22
166	947	09/29/08	70	70	8	8	Stockpile Site 6	metal fragments	Offsite	0.98
167	948	09/29/08	80	80	10	10	Stockpile Site 6	metal fragments	Offsite	1.22
168	949	09/29/08	120	120	10	10	Stockpile Site 6	metal fragments	Offsite	1.22
169	950	09/29/08	160	110	10	10	Stockpile Site 6	metal fragments	Offsite	1.22
170	951	09/29/08	80	80	8	8	Stockpile Site 6	metal fragments	Offsite	0.98
171	952	09/30/08	200	200	12	12	Stockpile Site 6	metal fragments	Offsite	1.47
172	953	09/30/08	40	25	10	10	Stockpile Site 6	metal fragments	Offsite	1.22
173	954	09/30/08	38	38	10	10	Stockpile Site 6	metal fragments	Offsite	1.22
174	955	09/30/08	48000	44000	220	180	Stockpile Site 6	metal fragments	Offsite	26.92
175	956	09/30/08	140	140	12	12	Stockpile Site 6	metal fragments	Offsite	1.47
176	957	09/30/08	250	250	10	10	Stockpile Site 6	metal fragments	Offsite	1.22
177	958	09/30/08	1000	1000	10	10	Stockpile Site 6	metal fragments	Offsite	1.22
178	959	09/30/08	800	800	14	14	Stockpile Site 6	metal fragments	Offsite	1.71
179	960	09/30/08	900	800	20	20	Stockpile Site 6	metal fragments	Offsite	2.45
180	961	09/30/08	40	38	8	8	Stockpile Site 6	metal fragments	Offsite	0.98
181	962	09/30/08	100	80	8	8	Stockpile Site 6	metal fragments	Offsite	0.98
182	963	09/30/08	1000	1000	14	14	Stockpile Site 6	metal fragments	Offsite	1.71
183	964	09/30/08	50	50	8	8	Stockpile Site 6	metal fragments	Offsite	0.98
184	965	09/30/08	140	140	10	10	Stockpile Site 6	metal fragments	Offsite	1.22
185	966	09/30/08	110	110	8	8	Stockpile Site 6	metal fragments	Offsite	0.98
186	967	09/30/08	40	40	8	8	Stockpile Site 6	metal fragments	Offsite	0.98
187	968	09/30/08	50	50	8	8	Stockpile Site 6	metal fragments	Offsite	0.98
188	969	09/30/08	800	600	12	12	Stockpile Site 6	metal fragments	Offsite	1.47
189	970	09/30/08	60	60	8	8	Stockpile Site 6	metal fragments	Offsite	0.98
190	971	09/30/08	220	110	8	8	Stockpile Site 6	metal fragments	Offsite	0.98
191	972	09/30/08	130	130	8	8	Stockpile Site 6	metal fragments	Offsite	0.98
192	973	09/30/08	30	30	8	8	Stockpile Site 6	metal fragments	Offsite	0.98
193	974	09/30/08	60	60	10	10	Stockpile Site 6	metal fragments	Offsite	1.22
194	975	09/30/08	300	300	12	12	Stockpile Site 6	metal fragments	Offsite	1.47
195	976	09/30/08	1200	700	18	14	Stockpile Site 6	metal fragments	Offsite	2.20
196	977	09/30/08	30	30	8	8	Stockpile Site 6	metal fragments	Offsite	0.98
197	978	09/30/08	800	200	10	10	Stockpile Site 6	metal fragments	Offsite	1.22
198	979	09/30/08	160	120	10	10	Stockpile Site 6	metal fragments	Offsite	1.22
199	980	09/30/08	80	80	8	8	Stockpile Site 6	metal fragments	Offsite	0.98
200	981	09/30/08	46	46	10	10	Stockpile Site 6	metal fragments	Offsite	1.22
201	982	09/30/08	260	260	8	8	Stockpile Site 6	metal fragments	Offsite	0.98
202	983	09/30/08	600	600	14	14	Stockpile Site 6	metal fragments	Offsite	1.71
203	984	09/30/08	240	240	10	10	Stockpile Site 6	metal fragments	Offsite	1.22
204	1001	10/01/08	50	50	10	10	Stockpile Site 6	metal fragments	Offsite	1.22
205	1002	10/01/08	100	50	80	30	Stockpile Site 6	metal fragments	Offsite	9.79
206	1003	10/01/08	60	40	30	30	Stockpile Site 6	metal fragments	Offsite	3.67
207	1004	10/01/08	1500	1000	50	50	Stockpile Site 6	metal fragments	Offsite	6.12
208	1005	10/01/08	70	30	10	10	Stockpile Site 6	metal fragments	Offsite	1.22
209	1006	10/01/08	50	30	8	8	Stockpile Site 6	metal fragments	Offsite	0.98
210	1007	10/01/08	180	50	50	20	Stockpile Site 6	metal fragments	Offsite	6.12
211	1008	10/01/08	100	80	10	10	Stockpile Site 6	metal fragments	Offsite	1.22
212	1009	10/01/08	80	50	10	10	Stockpile Site 6	metal fragments	Offsite	1.22
213	1010	10/01/08	320	150	80	80	Stockpile Site 6	metal fragments	Offsite	9.79
214	1011	10/01/08	50	20	8	8	Stockpile Site 6	metal fragments	Offsite	0.98
215	1012	10/01/08	50	50	10	10	Stockpile Site 6	metal fragments	Offsite	1.22
216	1013	10/01/08	25	15	8	8	Stockpile Site 6	metal fragments	Offsite	0.98
217	1014	10/02/08	180	180	10	10	Stockpile Site 6	metal fragments	Offsite	1.22
218	1015	10/02/08	100	100	8	8	Stockpile Site 6	metal fragments	Offsite	0.98
219	1016	10/02/08	80	80	8	8	Stockpile Site 6	metal fragments	Offsite	0.98
220	1017	10/02/08	110	110	8	8	Stockpile Site 6	metal fragments	Offsite	0.98
221	1018	10/02/08	110	110	8	8	Stockpile Site 6	metal fragments	Offsite	0.98
222	1019	10/02/08	80	80	8	8	Stockpile Site 6	metal fragments	Offsite	0.98
223	1020	10/02/08	420	420	10	10	Stockpile Site 6	metal fragments	Offsite	1.22
224	1021	10/02/08	80	80	8	8	Stockpile Site 6	metal fragments	Offsite	0.98
225	1022	10/02/08	140	140	10	10	Stockpile Site 6	metal fragments	Offsite	1.22
226	1023	10/02/08	80	80	8	8	Stockpile Site 6	metal fragments	Offsite	0.98
227	1024	10/02/08	140	140	10	10	Stockpile Site 6	metal fragments	Offsite	1.22
228	1025	10/02/08	50	50	8	8	Stockpile Site 6	metal fragments	Offsite	0.98
229	1026	10/06/08	130	130	10	10	Stockpile Site 6	metal fragments	Offsite	1.22

Treasure Island Site 12
Commodities Discovered During Excavation Activities as of 7/8/10

Cumul.	Item	Date	Contact (hot)	Contact (cool)	1 foot (hot)	1 foot (cool)				
Total	Number	Recovered	microR/hr unless otherwise noted				Location (found)	Description	Onsite/Offsite	
230	1027	10/06/08	80	80	8	8	Stockpile Site 6	metal fragments	Offsite	0.98
231	1028	10/06/08	110	110	8	8	Stockpile Site 6	metal fragments	Offsite	0.98
232	1029	10/06/08	60	60	8	8	Stockpile Site 6	metal fragments	Offsite	0.98
233	1030	10/07/08	120	120	8	8	Stockpile Site 6	metal fragments	Offsite	0.98
234	1031	10/07/08	600	600	10	10	Site 6 Bin	metal fragments	Offsite	1.22
235	1032	10/07/08	80	80	8	8	Site 6 Bin	metal fragments	Offsite	0.98
236	1033	10/07/08	55000	55000	2000	2000	Site 6 Bin	foil	Offsite	244.69
237	1034	10/07/08	200	200	10	10	Stockpile Site 6	metal fragments	Offsite	1.22
238	1035	10/07/08	70	70	8	8	Site 6 Bin	metal fragments	Offsite	0.98
239	1036	10/08/08	70	70	12	12	Stockpile Site 6	metal fragments	Offsite	1.47
240	1037	10/08/08	280	280	20	20	Stockpile Site 6	metal fragments	Offsite	2.45
241	1038	10/08/08	40	40	10	10	Stockpile Site 6	metal fragments	Offsite	1.22
242	1039	10/08/08	30	30	12	12	Stockpile Site 6	metal fragments	Offsite	1.47
243	1040	10/08/08	30	30	12	12	Stockpile Site 6	metal fragments	Offsite	1.47
244	1041	10/09/08	160	160	10	10	Stockpile Site 6	metal fragments	Offsite	1.22
245	1042	10/09/08	110	110	10	10	Stockpile Site 6	metal fragments	Offsite	1.22
246	1043	10/13/08	120	120	8	8	Stockpile Site 6	metal fragments	Offsite	0.98
247	1044	10/13/08	250	250	10	10	Stockpile Site 6	metal fragments	Offsite	1.22
248	1045	10/13/08	50	50	8	8	Stockpile Site 6	metal fragments	Offsite	0.98
249	1046	10/13/08	600	600	25	25	Stockpile Site 6	metal fragments	Offsite	3.06
250	1047	10/13/08	100	100	10	10	Stockpile Site 6	metal fragments	Offsite	1.22
251	1048	10/13/08	50	50	8	8	Stockpile Site 6	metal fragments	Offsite	0.98
252	1049	10/13/08	60	60	8	8	Stockpile Site 6	metal fragments	Offsite	0.98
253	1050	10/13/08	1200	1200	40	40	Stockpile Site 6	metal fragments	Offsite	4.89
254	1051	10/13/08	220	220	10	10	Stockpile Site 6	metal fragments	Offsite	1.22
255	1052	10/14/08	45	45	8	8	Stockpile Site 6	metal fragments	Offsite	0.98
256	1053	10/14/08	180	180	12	12	Stockpile Site 6	metal fragments	Offsite	1.47
257	1054	10/14/08	50	50	8	8	Stockpile Site 6	metal fragments	Offsite	0.98
258	1055	10/14/08	45	45	8	8	Stockpile Site 6	metal fragments	Offsite	0.98
259	1056	10/14/08	50	50	8	8	Stockpile Site 6	metal fragments	Offsite	0.98
260	1057	10/14/08	400	300	15	15	Stockpile Site 6	4" dia x 4" long cylindrical gauge	Offsite	1.84
261	1058	10/14/08	80	80	10	10	Stockpile Site 6	metal fragments	Offsite	1.22
262	1059	10/14/08	30	30	8	8	Stockpile Site 6	metal fragments	Offsite	0.98
263	1060	10/14/08	50	50	8	8	Stockpile Site 6	metal fragments	Offsite	0.98
264	1061	10/14/08	120	120	10	10	Stockpile Site 6	metal fragments	Offsite	1.22
265	1062	10/14/08	100	100	8	8	Stockpile Site 6	metal fragments	Offsite	0.98
266	1063	10/14/08	50	50	8	8	Stockpile Site 6	metal fragments	Offsite	0.98
267	1064	10/15/08	140	140	10	10	Stockpile Site 6	metal fragments	Offsite	1.22
268	1065	10/15/08	160	160	10	10	Stockpile Site 6	metal fragments	Offsite	1.22
269	1066	10/15/08	500000	300000	1500	1000	Stockpile Site 6	foil	Offsite	183.52
270	1067	10/15/08	100	60	12	12	Stockpile Site 6	metal fragments	Offsite	1.47
271	1068	10/15/08	150	150	10	10	Stockpile Site 6	metal fragments	Offsite	1.22
272	1069	10/15/08	250000	100000	500	500	Stockpile Site 6	metal fragments	Offsite	61.17
273	1070	10/15/08	280	150	20	18	Stockpile Site 6	foil fragment	Offsite	2.45
274	1071	10/16/08	50	50	6	6	Stockpile Site 6	metal fragments	Offsite	0.73
275	1072	10/16/08	60	40	8	8	Stockpile Site 6	metal fragments	Offsite	0.98
276	1073	10/16/08	80	40	5	5	Stockpile Site 6	metal fragments	Offsite	0.61
277	1074	10/16/08	300	220	12	12	Stockpile Site 6	metal fragments	Offsite	1.47
278	1075	10/16/08	50	30	4	4	Stockpile Site 6	metal fragments	Offsite	0.49
279	1076	10/16/08	100	40	5	5	Stockpile Site 6	metal fragments	Offsite	0.61
280	1077	10/16/08	40	25	10	10	Stockpile Site 6	metal fragments	Offsite	1.22
281	1078	10/16/08	8000	8000	100	100	Stockpile Site 6	metal disc	Offsite	12.23
282	1079	10/20/08	240	120	10	10	Stockpile Site 6	metal fragments	Offsite	1.22
283	1080	10/20/08	60	32	8	8	Stockpile Site 6	metal fragments	Offsite	0.98
284	1081	10/20/08	70	70	5	5	Stockpile Site 6	metal fragments	Offsite	0.61
285	1082	10/20/08	50	40	8	8	Stockpile Site 6	metal fragments	Offsite	0.98
286	1083	10/20/08	180	140	8	8	Stockpile Site 6	metal fragments	Offsite	0.98
287	1084	10/20/08	50	50	5	5	Stockpile Site 6	metal fragments	Offsite	0.61
288	1085	10/20/08	100	50	8	8	Stockpile Site 6	metal fragments	Offsite	0.98
289	1086	10/20/08	50	50	8	8	Stockpile Site 6	metal fragments	Offsite	0.98
290	1087	10/21/08	70	70	7	7	Stockpile Site 6	metal fragments	Offsite	0.86
291	1088	10/21/08	250	225	12	12	Stockpile Site 6	metal fragments	Offsite	1.47
292	1089	10/21/08	120	60	7	7	Stockpile Site 6	metal fragments	Offsite	0.86
293	1090	10/21/08	80	60	8	8	Stockpile Site 6	metal fragments	Offsite	0.98
294	1091	10/23/08	70	60	8	8	Stockpile Site 6	metal fragments	Offsite	0.98
295	1092	10/23/08	60	40	8	8	Stockpile Site 6	metal fragments	Offsite	0.98
296	1093	10/23/08	50	50	8	8	Stockpile Site 6	metal fragments	Offsite	0.98
297	1094	10/23/08	50	30	8	8	Stockpile Site 6	metal fragments	Offsite	0.98
298	1095	10/23/08	50	40	8	8	Stockpile Site 6	metal fragments	Offsite	0.98
299	1096	10/23/08	50	40	8	8	Stockpile Site 6	metal fragments	Offsite	0.98

Treasure Island Site 12
Commodities Discovered During Excavation Activities as of 7/8/10

Cumul.	Item	Date	Contact (hot)	Contact (cool)	1 foot (hot)	1 foot (cool)				
Total	Number	Recovered	microR/hr unless otherwise noted				Location (found)	Description	Onsite/Offsite	
300	1097	10/23/08	60	60	8	8	Stockpile Site 6	metal fragments	Offsite	0.98
301	1098	10/27/08	100	80	8	8	Stockpile Site 6	metal fragments	Offsite	0.98
302	1099	10/27/08	60	60	7	7	Stockpile Site 6	metal fragments	Offsite	0.86
303	10100	10/27/08	60	60	10	10	Stockpile Site 6	metal fragments	Offsite	1.22
304	10101	10/27/08	50	30	6	6	Stockpile Site 6	metal fragments	Offsite	0.73
305	10102	10/27/08	50	50	6	6	Stockpile Site 6	metal fragments	Offsite	0.73
306	10103	10/27/08	80	70	7	7	Stockpile Site 6	metal fragments	Offsite	0.86
307	10104	10/27/08	320	280	15	15	Stockpile Site 6	metal fragments	Offsite	1.84
308	10105	10/27/08	100	60	6	6	Stockpile Site 6	metal fragments	Offsite	0.73
309	10106	10/28/08	80	80	6	6	Stockpile Site 6	metal fragments	Offsite	0.73
310	10107	10/28/08	80	80	6	6	Stockpile Site 6	metal fragments	Offsite	0.73
311	10108	10/28/08	70	70	6	6	Stockpile Site 6	metal fragments	Offsite	0.73
312	10109	10/28/08	50	50	4	4	Stockpile Site 6	metal fragments	Offsite	0.49
313	10110	10/28/08	100	100	8	8	Stockpile Site 6	metal fragments	Offsite	0.98
314	10111	10/28/08	60	60	5	5	Stockpile Site 6	metal fragments	Offsite	0.61
315	10112	10/28/08	50	50	6	6	Stockpile Site 6	metal fragments	Offsite	0.73
316	10113	10/28/08	50	50	5	5	Stockpile Site 6	metal fragments	Offsite	0.61
317	10114	10/28/08	50	50	5	5	Stockpile Site 6	metal fragments	Offsite	0.61
318	10115	10/28/08	100	100	8	8	Stockpile Site 6	metal fragments	Offsite	0.98
319	10116	10/28/08	50	50	5	5	Stockpile Site 6	metal fragments	Offsite	0.61
320	10117	10/28/08	150	150	8	8	Stockpile Site 6	metal fragments	Offsite	0.98
321	10118	10/28/08	75	75	7	7	Stockpile Site 6	metal fragments	Offsite	0.86
322	10119	10/28/08	240	240	10	10	Stockpile Site 6	metal fragments	Offsite	1.22
323	10120	10/29/08	10000	10000	2800	2800	Bin DB1112	Soil/Debris Fragments	Offsite	342.56
324	10121	10/29/08	280	280	14	14	Bin DB1112	Metal Fragments	Offsite	1.71
325	10122	10/29/08	55	55	14	14	Bin DB1112	Metal Fragments	Offsite	1.71
326	10123	10/29/08	280	280	30	30	Bin DB1112	Metal Fragments	Offsite	3.67
327	10124	10/29/08	500000	150000	2000	2000	Bin DB983	Foil	Offsite	244.69
328	10125	10/29/08	1000	1000	50	50	Bin DB983	Button	Offsite	6.12
329	10126	10/29/08	500000	150000	2000	2000	Bin DB983	Foil	Offsite	244.69
330	10127	10/30/08	3000	1500	70	50	Bin DB983	Metal Fragments	Offsite	8.56
331	10128	10/30/08	500000	350000	1500	1500	Bin DB983	Foil	Offsite	183.52
332	10128	10/30/08	240	240	12	12	Bin DB983	Metal Fragments	Offsite	1.47
333	10130	10/30/08	20000	20000	1000	1000	Bin DB470	Foil Fragments	Offsite	122.34
334	10131	10/30/08	120	100	8	8	Bin DB470	Metal Fragments	Offsite	0.98
335	10132	10/30/08	1200	1200	50	50	Bin DB470	Soil	Offsite	6.12
336	10133	10/30/08	1000	1000	40	40	Bin DB470	Soil	Offsite	4.89
337	10134	10/30/08	800	800	35	35	Bin DB470	Metal Fragments	Offsite	4.28
338	10135	10/30/08	300	300	12	12	Bin DB470	Metal Fragments	Offsite	1.47
339	1101	11/04/08	450000	350000	2000	2000	Bin DB 918	Foil	Offsite	244.69
340	1102	11/04/08	1000	400	17	17	Bin DB 918	Metal Fragments	Offsite	2.08
341	1103	11/04/08	300	200	10	10	Bin DB 918	Metal Fragments	Offsite	1.22
342	1104	11/04/08	400	150	12	12	Bin DB 918	Metal Fragments	Offsite	1.47
343	1105	11/04/08	60	50	7	7	Bin DB 918	Metal Fragments	Offsite	0.86
344	1106	11/04/08	50	50	6	6	Bin DB 918	Metal Fragments	Offsite	0.73
345	1107	11/04/08	400	200	10	10	Bin DB 918	Metal Fragments	Offsite	1.22
346	1108	11/04/08	150	50	5	5	Bin DB 918	Metal Fragments	Offsite	0.61
347	1109	11/04/08	250	250	7	7	Bin DB 918	Metal Fragments	Offsite	0.86
348	1110	11/04/08	350	200	8	8	Bin DB 918	Metal Fragments	Offsite	0.98
349	1111	11/04/08	120	80	6	6	Bin DB 918	Metal Fragments	Offsite	0.73
350	1112	11/04/08	150	150	6	6	Bin DB 918	Metal Fragments	Offsite	0.73
351	1113	11/04/08	200	200	8	8	Bin DB 918	Metal Fragments	Offsite	0.98
352	1114	11/04/08	100	100	6	6	Bin DB 918	Metal Fragments	Offsite	0.73
353	1115	11/04/08	1000	500	20	20	Bin DB 918	Metal Fragments	Offsite	2.45
354	1116	11/04/08	2000	1500	40	30	Bin DB 996	Metal Fragments	Offsite	4.89
355	1117	11/04/08	100	100	7	7	Bin DB 996	Metal Fragments	Offsite	0.86
356	1118	11/04/08	3000	1000	30	30	Bin DB 766	Metal Fragments	Offsite	3.67
357	1119	11/04/08	80	50	5	5	Bin DB 766	Metal Fragments	Offsite	0.61
358	1120	11/04/08	20000	15000	4000	4000	Bin DB 1109	Foil	Offsite	489.38
359	1121	11/04/08	400	400	7	7	Bin DB 1109	Metal Fragments	Offsite	0.86
360	1122	11/04/08	360	300	7	7	Bin DB 1109	Metal Fragments	Offsite	0.86
361	1123	11/04/08	550	500	6	6	Bin DB 1109	Metal Fragments	Offsite	0.73
362	1124	11/04/08	160	160	6	6	Bin DB 1109	Metal Fragments	Offsite	0.73
363	1125	11/04/08	500	500	10	10	Bin DB 1109	Metal Fragments	Offsite	1.22
364	1126	11/05/08	500000	250000	1500	1500	Bin DB 993	Foil	Offsite	183.52
365	1127	11/05/08	1500	1500	50	50	Bin DB 993	Metal Fragments	Offsite	6.12
366	1128	11/05/08	500000	250000	1500	1500	Bin DB 993	Foil	Offsite	183.52
367	1129	11/05/08	500	500	12	12	Bin DB 993	Metal Fragments	Offsite	1.47
368	1130	11/05/08	200	200	8	8	Bin DB 993	Metal Fragments	Offsite	0.98
369	1131	11/05/08	500	500	15	15	Bin DB 993	Metal Fragments	Offsite	1.84

Treasure Island Site 12
Commodities Discovered During Excavation Activities as of 7/8/10

Cumul.	Item	Date	Contact (hot)	Contact (cool)	1 foot (hot)	1 foot (cool)				
Total	Number	Recovered	microR/hr unless otherwise noted				Location (found)	Description	Onsite/Offsite	
370	1132	11/06/08	110	110	5	5	Site 6 Laydown	Metal Fragments	Offsite	0.61
371	1133	11/06/08	60	60	5	5	Site 6 Laydown	Metal Fragments	Offsite	0.61
372	1134	11/06/08	400	400	10	10	Site 6 Laydown	Metal Fragments	Offsite	1.22
373	1135	11/06/08	150	150	7	7	Site 6 Laydown	Metal Fragments	Offsite	0.86
374	1136	11/06/08	70	70	5	5	Site 6 Laydown	Metal Fragments	Offsite	0.61
375	1137	11/06/08	350000	150000	500	400	Site 6 Laydown	Foil Fragment	Offsite	61.17
376	1138	11/06/08	100	100	5	5	Site 6 Laydown	Metal Fragments	Offsite	0.61
377	1139	11/06/08	1000	1000	14	14	Site 6 Laydown	Metal Fragments	Offsite	1.71
378	1140	11/06/08	80	80	5	5	Site 6 Laydown	Metal Fragments	Offsite	0.61
379	1141	11/06/08	350	350	8	8	Site 6 Laydown	Metal Fragments	Offsite	0.98
380	1142	11/06/08	1500	1000	20	12	Site 6 Laydown	Button	Offsite	2.45
381	1143	11/06/08	2000	1300	20	15	Site 6 Laydown	Metal Fragments	Offsite	2.45
382	1144	11/06/08	250	150	7	7	Site 6 Laydown	Metal Fragments	Offsite	0.86
383	1145	11/06/08	80	80	5	5	Site 6 Laydown	Metal Fragments	Offsite	0.61
384	1146	11/10/08	700000	200000	2000	2000	Site 6 Laydown	Foil	Offsite	244.69
385	1147	11/10/08	400000	250000	1500	1500	Site 6 Laydown	Foil	Offsite	183.52
386	1148	11/10/08	1200	500	25	25	Site 6 Laydown	Metal Fragments	Offsite	3.06
387	1149	11/10/08	300	220	8	8	Site 6 Laydown	Soil	Offsite	0.98
388	1150	11/10/08	800	800	20	20	Site 6 Laydown	Metal Fragments	Offsite	2.45
389	1151	11/10/08	380	380	8	8	Site 6 Laydown	Soil	Offsite	0.98
390	1152	11/10/08	120	120	8	8	Site 6 Laydown	Metal Fragments	Offsite	0.98
391	1153	11/10/08	2000	2000	25	25	Site 6 Laydown	Metal Fragments	Offsite	3.06
392	1154	11/10/08	100000	100000	2000	2000	Site 6 Laydown	Foil Fragments / Soil	Offsite	244.69
393	1155	11/10/08	3200	3200	20	20	Site 6 Laydown	Metal Fragments	Offsite	2.45
394	1156	11/10/08	180	180	6	6	Site 6 Laydown	Metal Fragments	Offsite	0.73
395	1157	11/10/08	70	70	8	8	Site 6 Laydown	Metal Fragments	Offsite	0.98
396	1158	11/10/08	1 mR/hr	1 mR/hr	20	20	Site 6 Laydown	Metal Fragments	Offsite	2.45
397	1159	11/10/08	500000	250000	2000	2000	Site 6 Laydown	Foil	Offsite	244.69
398	1160	11/10/08	100	100	6	6	Site 6 Laydown	Metal Fragments	Offsite	0.73
399	1161	11/10/08	500	500	15	15	Site 6 Laydown	Metal Fragments	Offsite	1.84
400	1162	11/11/08	150	150	8	8	Site 6 Laydown	Metal Fragments	Offsite	0.98
401	1163	11/12/08	150	150	10	10	Site 6 Laydown	Metal Fragments	Offsite	1.22
402	1164	11/13/08	2500	1000	20	20	Site 6 Laydown	Metal Fragments	Offsite	2.45
403	1165	11/17/08	50	50	5	5	Site 6 Laydown	metal object 4" dia x 6"	Offsite	0.61
404	1166	11/17/08	250	250	12	12	Site 6 Laydown	soil with metal fragments	Offsite	1.47
405	1167	11/17/08	100	100	7	7	Site 6 Laydown	small metal fragment	Offsite	0.86
406	1168	11/17/08	450	450	10	10	Site 6 Laydown	small metal object	Offsite	1.22
407	1169	11/17/08	50	50	4	4	Site 6 Laydown	metal fragment	Offsite	0.49
408	1170	11/17/08	120	120	5	5	Site 6 Laydown	metal object 1 ft x 1" dia	Offsite	0.61
409	1171	11/17/08	300	300	10	10	Site 6 Laydown	metal fragment	Offsite	1.22
410	1172	11/17/08	800	800	12	12	Site 6 Laydown	metal fragment	Offsite	1.47
411	1173	11/17/08	220	150	8	8	Site 6 Laydown	rusted metal object 9" dia	Offsite	0.98
412	1174	11/17/08	500	500	10	10	Site 6 Laydown	metal fragment	Offsite	1.22
413	1175	11/17/08	60	60	5	5	Site 6 Laydown	metal fragment	Offsite	0.61
414	1176	11/17/08	400	250	12	8	Site 6 Laydown	metal fragment	Offsite	1.47
415	1177	11/17/08	1000	1000	15	15	Site 6 Laydown	soil with metal fragments	Offsite	1.84
416	1178	11/18/08	300	300	15	15	Site 6 Laydown	metal fragments	Offsite	1.84
417	1179	11/18/08	100	100	8	8	Site 6 Laydown	metal fragments	Offsite	0.98
418	1180	11/18/08	100	100	8	8	Site 6 Laydown	metal fragments	Offsite	0.98
419	1181	11/18/08	4000	4000	25	25	Site 6 Laydown	foil	Offsite	3.06
420	1182	11/18/08	200	200	10	10	Site 6 Laydown	metal fragments	Offsite	1.22
421	1183	11/18/08	100	100	8	8	Site 6 Laydown	metal fragments	Offsite	0.98
422	1184	11/18/08	4000	2000	30	30	Site 6 Laydown	button	Offsite	3.67
423	1185	11/18/08	1000	500	25	25	Site 6 Laydown	metal fragments	Offsite	3.06
424	1186	11/18/08	2000	1000	30	30	Site 6 Laydown	button	Offsite	3.67
425	1187	11/18/08	350	350	8	8	Site 6 Laydown	metal fragments	Offsite	0.98
426	1188	11/18/08	200	200	10	10	Site 6 Laydown	metal fragments	Offsite	1.22
427	1189	11/18/08	800	500	20	20	Site 6 Laydown	metal fragments	Offsite	2.45
428	1190	11/18/08	1000	1000	25	25	Site 6 Laydown	button	Offsite	3.06
429	1191	11/18/08	180	180	6	6	Site 6 Laydown	metal fragments	Offsite	0.73
430	1192	11/18/08	200	200	15	15	Site 6 Laydown	metal fragments	Offsite	1.84
431	1193	11/18/08	250	200	15	15	Site 6 Laydown	metal fragments	Offsite	1.84
432	1194	11/18/08	220	50	10	10	Site 6 Laydown	brick (concrete)	Offsite	1.22
433	1195	11/18/08	500	500	20	20	Site 6 Laydown	metal fragments	Offsite	2.45
434	1196	11/18/08	250	250	10	10	Site 6 Laydown	metal fragments	Offsite	1.22
435	1197	11/20/08	500000	350000	1500	1000	Building 1123 SE	Foil	Offsite	183.52
436	1198	11/20/08	1000	1000	25	25	Building 1123 NE	Glass	Offsite	3.06
437	1199	11/24/08	100	100	10	10	Building 1123 NE	Metal Fragments	Offsite	1.22
438	11100	11/24/08	1000	1000	15	15	Building 1123 NE	Soil/Metal Fragments	Offsite	1.84

Treasure Island Site 12
Commodities Discovered During Excavation Activities as of 7/8/10

Cumul.	Item	Date	Contact (hot)	Contact (cool)	1 foot (hot)	1 foot (cool)					
Total	Number	Recovered	microR/hr unless otherwise noted				Location (found)	Description	Onsite/Offsite		
Transition - Commodities Recovered by Shaw											
439	070209-1	07/02/09	1000	NA	50	NA	Building 1321 A&B lower drive	Metal Fragment	Onsite		6.12
440	070209-2	07/02/09	200	NA	15	NA	Building 1321 A&B lower drive	Sandy soil (1 tsp)	Onsite		1.84
441	070609-3	07/06/09	70	NA	7	NA	Building 1321 A&B lower drive	Metal flakes & soil	Onsite		0.86
442	070709-4	07/07/09	600	NA	40	NA	Building 1321 A&B upper drive	4-in dia by 8-in long rusted metal cylinder	Onsite		4.89
443	070709-5	07/07/09	600	NA	17	NA	Building 1321 A&B upper drive	3-in by 2-in flat rusty metal	Onsite		2.08
444	070709-6	07/07/09	70	NA	8	NA	Building 1321 A&B upper drive	1.5-in round by 3/8-in thick metallic device	Onsite		0.98
445	070709-7	07/07/09	1200	NA	32	NA	Building 1321 A&B upper drive	metal fragment 0.75-in by 0.5-in by 0.125-in	Onsite		3.92
446	070809-8	07/08/09	200	80	12	NA	Building 1321 A&B lower drive	3 metal fragments mixed w/soil	Onsite		1.47
447	070809-9	07/08/09	250	140	10	NA	Building 1321 A&B lower drive	Soil and Rust flakes ~ 2 tsp	Onsite		1.22
448	070909-10	07/09/09	90	50	7	NA	Building 1321 A&B upper drive	Soil ~ 2 tbsp	Onsite		0.86
449	071409-11	07/14/09	80	70	8	NA	Building 1321 A&B upper drive	3.5-in round metal	Onsite		0.98
450	071409-12	07/14/09	60	50	12	NA	Building 1321 A&B upper drive	~1 cup soil	Onsite		1.47
451	071409-13	07/14/09	80	50	7	NA	Building 1321 A&B upper drive	~1/4 cup soil w/metal flakes	Onsite		0.86
452	071409-14	07/14/09	1000	600	25	NA	Building 1321 A&B upper drive	Metal 3/4-in long by 1/2-in thick by 1/2-in wide	Onsite		3.06
453	071409-15	07/14/09	600	400	14	NA	Building 1321 A&B upper drive	Oval metal fragment 1/2-in long by 3/8-in wide	Onsite		1.71
454	071409-16	07/14/09	80	60	10	NA	Building 1321 A&B upper drive	1/8 cup of soil	Onsite		1.22
455	071409-17	07/14/09	700	340	18	NA	Building 1321 A&B upper drive	Metal fragment 3/4-in long by 1/4-in wide	Onsite		2.20
456	071409-18	07/14/09	80	40	10	NA	Building 1321 A&B upper drive	1.5 cups soil with metal fragments	Onsite		1.22
457	071509-19	07/15/09	800	800	20	NA	Building 1321 A&B upper drive	Wire 3-in long by 1/4-in diameter	Onsite		2.45
458	071509-20	07/15/09	100	50	20	NA	Building 1321 A&B lower drive	Gauge 5-in diameter by 5-in long with wires extending from the back	Onsite		2.45
459	072009-21	07/20/09	800	800	25	NA	15 ft west and 3 ft north of the NW corner of Building 1321	wire 2.5-in long by 0.25-in in diameter	Onsite		3.06
460	072009-22	07/20/09	200	160	12	NA	8 ft west and 6 ft north of the NW corner of Building 1321	2-in rounded piece of metal 1/4-in wide	Onsite		1.47
461	072009-23	07/20/09	120	120	10	NA	1 ft west and 1 ft south of the NW corner of Building 1321	1.5-in diameter, 3/8-in thick piece of metal	Onsite		1.22
462	072009-24	07/20/09	160	80	12	NA	1 ft west and 1 ft south of the NW corner of Building 1321	A gauge 4-in in diameter by 3-in deep	Onsite		1.47
463	072109-25	07/21/09	280	160	15	NA	8 ft west of the NW corner of Building 1321	piece of metal 1.75-in long by 3/4-in wide	Onsite		1.84
464	072109-26	07/21/09	1800	1200	30	NA	35 ft due west of the NW corner of the Building 1321A storage shed	3/4-in diameter by 1/2-in thick button	Onsite		3.67
465	072109-27	07/21/09	280	70	28	NA	24 ft due west of the NW corner of the Building 1321A storage shed	3-in diameter by 3-in deep gauge	Onsite		3.43
466	072109-28	07/21/09	50	30	7	NA	35 ft due west of the 1321A doorway	piece of metal 5-in long by 3.5-in wide by 3-in deep	Onsite		0.86
467	072209-29	07/22/09	2200	300	34	NA	40 ft south of the tree behind Building 1246 (North Point)	4-in round by 1.5-in deep metal object	Onsite		4.16
468	080309-30	08/03/09	80	40	7	NA	45 ft due West of building 1321 A Entryway	3.5" x 2.5" x 1.5" Metal object fused with rock	Onsite		0.86
469	080309-31	08/03/09	50	30	7	NA	45 ft due West of building 1321 A Entryway	5" x 4" x 1" Metal Object	Onsite		0.86
470	080309-32	08/03/09	50	30	6	NA	45 ft West and 15 ft North of building 1321 A entry way	.75" x .5" x .25" Metal Object	Onsite		0.73
471	080309-33	08/03/09	36	20	6	NA	45 ft West and 15 ft North of building 1321 A entry way	3" x 1.5" x 1" Metal object	Onsite		0.73
472	080309-34	08/03/09	60	40	6	NA	45 ft West and 15 ft North of building 1321 A entry way	1.5" x 1" x .5" Metal	Onsite		0.73
473	080509-35	08/05/09	140	70	10	NA	45 ft West and 6 ft South of building 1321 A	Fused mixture of glass, rock, and soil 6" x 4" x 2"	Onsite		1.22
474	081109-36	08/11/09	200	130	20	NA	3 ft North of the Northwest Corner of building 1319	Fused metal rock and glass 6" round x 3" thick	Onsite		2.45
475	081109-37	08/11/09	160	110	25	NA	2 ft North of the Northwest corner of building 1319	Infused rock, metal and glass 9" long x 6" wide x 5" thick	Onsite		3.06
476	081209-38	08/12/09	400	320	30	NA	60 ft West of building 1321 C entry way	4 Metal fragments .75" x .25" and up to 4" x 2" x 1.5"	Onsite		3.67
477	081809-39	08/18/09	200000	140000	10000	NA	19 ft North and 2 ft East of building 1321 Northwest Corner	Hexagon shaped object ~.75"	Onsite		1223.44
478	082009-40	08/20/09	2600	1200	50	NA	75 ft West and 10 ft South of building 1321 C entry way	Round metal object 1.5" round and .5" thick	Onsite		6.12
479	082409-41	08/24/09	80	50	8	NA	63 ft West of building 1321 C entry way	Round metal object 1.5" x 1" x.5"	Onsite		0.98
480	082409-42	08/24/09	3000	2000	40	NA	66 ft West and 3 dt South of building 1321 B entry way	Round metal object .75" round and .5" thick	Onsite		4.89
481	083109-43	08/31/09	160	100	17	NA	76 ft West of building 1321 A entry way	2" x .5" pocket watch	Onsite		2.08
482	083109-44	08/31/09	280000	120000	6000	NA	76 ft West and 21 ft North of building 1321 A	Dime size piece of black metal hexagon shaped	Onsite		734.06

Treasure Island Site 12
Commodities Discovered During Excavation Activities as of 7/8/10

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Total	Number	Recovered	microR/hr unless otherwise noted				Location (found)	Description	Onsite/Offsite	
483	083109-45	08/31/09	200	150	17	NA	88 ft West of building 1321 B	An infused rock metal and wire 1.5" x 1.25" x .5"	Onsite	2.08
484	083109-46	08/31/09	2500	2000	80	NA	88 ft West of building 1321 B entry way	Round metal object 2" x .5" round	Onsite	9.79
485	090209-47	09/02/09	700	400	20	NA	88 ft West of building 1321 A entry way	Metal botton 1.5" x .25"	Onsite	2.45
486	090209-48	09/02/09	260	90	20	NA	88 ft West and 6 ft North of building 1321 A Northwest corner	Metal object 3" long x 2" wide x 1.5" thick	Onsite	2.45
487	091509-49	09/15/09	90	40	10	NA	75ft West and 9ft North of the Northwest corner of bldg 1321	Metal object 3" x 2" x 1.5"	Onsite	1.22
488	092309-50	09/23/09	260	180	12	NA	45 ft South and 27 ft West of the Northwest corner of bldg 1123	Metal object 1/2" across and 1/8" in depth	Onsite	1.47
489	092909-51	09/29/09	180	140	10	NA	9ft South and 4ft West of the Southwest corner of building 1121	Metal object 3/4" round and 3/8" deep	Onsite	1.22
490	093009-52	09/30/09	220000	140000	12000	NA	30ft South and 6ft West of the Southwest corner of bldg 1121	Metal object 1/2" diameter and 1/8" deep	Onsite	1468.13
491	093009-53	09/30/09	140	110	10	NA	30ft South and 3ft West of the Southwest corner or bldg 1121	Metal object 1/2" x 1/4" round	Onsite	1.22
492	093009-54	09/30/09	420	300	20	NA	30ft South and 6ft West of the Southwest corner of bldg 1121	Metal object 4" x 2.5" x 1"	Onsite	2.45
493	100109-55	10/01/09	1200	1000	100	NA	18 ft South and 6 ft West of the Southwest corner of bldg 1121	10" long tool (micrometer)	Onsite	12.23
494	102209-56	10/22/09	180	160	8	NA	39 ft South and 3 ft West of the Southwest corner of bldg 1121	Metal object 1" x 1/2" x 1/8"	Onsite	0.98
495	102209-57	10/22/09	1400	900	28	NA	39 ft South and 12 ft West of the Southwest corner of bldg 1121	Metal object 3 1/2" x 1/2"	Onsite	3.43
496	102609-58	10/26/09	1200	1000	22	NA	53 ft South and 3 ft West of the Southwest corner of bldg 1121	Round metal object 3/4"by 1/4"	Onsite	2.69
497	102609-59	10/26/09	700	600	16	NA	47 ft South and 6 ft West of the Southwest corner of bldg 1121	Triangular metal object 1/2" x 1/4"	Onsite	1.96
498	102609-60	10/26/09	500	500	14	NA	53 ft South and 6 ft West of the Southwest corner of bldg 1121	Metal object 1/2" x 1/2" x 1/8"	Onsite	1.71
499	110409-61	11/04/09	42	30	7	NA	66 ft West and 18 ft North of the northwest corner of bldg 1321	Wrist watch (no band) 3/4" x 1/4"	Onsite	0.86
500	110409-62	11/04/09	420	70	10	NA	68 ft West and 18 ft North of the Northwest corner of Bldg 1321	Metal object 2 1/2" x 1"	Onsite	1.22
501	110409-63	11/04/09	1000	600	20	NA	68 ftNorth and 74 ft West of the Northwest corner of Bldg 1321	Metal object 3/8" x 3/8" x 1/8"	Onsite	2.45
502	110409-64	11/04/09	280	120	10	NA	60 Ft West and 25 ft North of the Northwest corner bldg 1321	Metal object 4" x 1 1/2"	Onsite	1.22
503	110909-65	11/09/09	180	50	8	NA	62 Ft West and 35 ft North of the Northwest corner bldg 1321	Fused wire and rock 2" x 3/4" x 1/2"	Onsite	0.98
504	111009-66	11/10/09	200	150	22	NA	7 Ft West and 7 ft North of the Northwest corner bldg 1121	Metal object 1/2" x 1/2" x 1/4"	Onsite	2.69
505	111009-67	11/10/09	800	600	24	NA	8 Ft West and 7 ft North of the Northwest corner bldg 1121	Wire 3" long by 1 1/4"	Onsite	2.94
506	111209-68	11/12/09	2600	1500	40	NA	78 ft South and 18 ft West of the Northwest corner of bldg 1121	Metal object 3/4" x 1/2" x 1/4"	Onsite	4.89
507	111709-69	11/17/09	280	220	14	NA	34 ft North and 12 ft West of the Southwest corner of Bldg 1121	Metal object 1 3/4" x 1/2"	Onsite	1.71
508	112309-70	11/23/09	140	65	12	NA	30 ft South and 36 ft West of the Southwest corner of bldg 1321	Fused metal and wire 4"x 2"	Onsite	1.47
509	113009-71	11/30/09	70	30	7	NA	42 ft South and 60 ft West of the Southwest corner of bldg 1319	Metal object 2" x 1" x 1"	Onsite	0.86
510	113009-72	11/30/09	70	40	7	NA	35 ft South and 60 ft West of the Southwest corner of bldg 1319	Compass 3/4" x 1/4"	Onsite	0.86
511	120909-73	12/09/09	70	50	7	NA	57 ft west and 10 ft south of the southwest corner of bldg 1319	Metal object 3/4" x 1/2" x 1/2"	Onsite	0.86
512	120909-74	12/09/09	130	80	8	NA	55 ft due west of the southwest corner of bldg 1319	Wire 3/4" x 1/4"	Onsite	0.98
513	011310-75	01/13/10	390	300	50	NA	72 ft west and 3 ft south of the northwest corner of building 1319	Metal object 6" x 4"	Onsite	6.12
514	011310-76	01/13/10	5000	4000	120	NA	75 ft west and 8 ft south of the northwest corner of building 1319	Metal object 2" x 1/2"	Onsite	14.68
515	020210-77	02/02/10	900	800	70	NA	80 ft west and 30 ft north of the northwest corner of building 1319	Metal object 1 1/2" x 1/4"	Onsite	8.56
516	020910-78	02/09/10	90	90	9	NA	100 ft west and 20 ft north of the northwest corner of building 1319	Metal object 1" x 1/2"	Onsite	1.10
517	021010-79	02/10/10	460	300	30	NA	55 ft South and 32 ft West of the Southwest corner of bldg 1121	Metal object 3" x 2 1/2" x 1/2"	Onsite	3.67

Treasure Island Site 12
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Cumul.	Item	Date	Contact (hot)	Contact (cool)	1 foot (hot)	1 foot (cool)					
Total	Number	Recovered	microR/hr unless otherwise noted				Location (found)	Description	Onsite/Offsite		
518	021010-80	02/10/10	280	140	14	NA	55 ft South and 32 ft West of the Southwest corner of bldg 1121	Metal object 1" x 3/4" x 1/2"	Onsite	1.71	
519	021010-81	02/10/10	700	440	18	NA	55 ft South and 27 ft West of the Southwest corner of bldg 1121	Metal object 1" x 3/4" x 1/2"	Onsite	2.20	
520	021110-82	02/11/10	800	500	32	NA	61 ft South and 27 ft West of the Southwest corner of bldg 1121	Metal object 1" x 1/2"	Onsite	3.92	
521	021110-83	02/11/10	3800	3000	100	NA	60 ft South and 27 ft West of the Southwest corner of bldg 1121	Metal object 2" x 1/2"	Onsite	12.23	
522	021510-84	02/15/10	3000	2000	80	NA	30 ft north and 90 ft west of the northwest corner of building 1319	Metal object (possible Radioluminescent Personnel Marker) 2" x 1/4"	Onsite	9.79	
523	021510-85	02/15/10	700	700	80	NA	30 ft north and 90 ft west of the northwest corner of building 1319	Metal object (slag) 4" x 3" x 3"	Onsite	9.79	
524	021510-86	02/15/10	60	45	7	NA	42 ft north and 90 ft west of the northwest corner of building 1319	Metal object 3/4" x 1/4"	Onsite	0.86	
525	021810-87	02/18/10	800	600	25	NA	45 ft north and 2 ft west of the southwest corner of building 1123	Metal object 1/4" round	Onsite	3.06	
526	021810-88	02/18/10	300	220	18	NA	45 ft north and 1 ft west of the southwest corner of building 1123	Metal object 1/2" x 1/4" x 1/4"	Onsite	2.20	
527	021810-89	02/18/10	400	340	25	NA	46 ft north and 2 ft west of the southwest corner of building 1123	Metal object 1/2" x 1/4" x 1/4"	Onsite	3.06	
528	021810-90	02/18/10	500	420	40	NA	45 ft north and 2 ft west of the southwest corner of building 1123	Metal object 1/8" round	Onsite	4.89	
529	022210-91	02/22/10	70	50	7	NA	45 ft north and 3 ft west of the southwest corner of building 1123	Metal object 1" x 3/4" x 1/2"	Onsite	0.86	
530	022210-92	02/22/10	70	55	12	NA	50 ft north and 3 ft west of the southwest corner of building 1123	Metal object 8" x 6" x 5"	Onsite	1.47	
531	022210-93	02/22/10	280	240	11	NA	535 ft north and 3 ft west of the southwest corner of building 1123	Metal object 1/2" x 1/4" x 1/4"	Onsite	1.35	
532	022210-94	02/22/10	250	220	14	NA	37 ft north and 2 ft west of the southwest corner of building 1123	Metal object 1/2" x 1/2" x 1/4"	Onsite	1.71	
533	022310-95	02/23/10	80	55	8	NA	21 ft south and 12 ft west of the northwest corner of building 1123	Metal object 1/2" x 1/4"	Onsite	0.98	
534	030410-96	03/04/10	330	280	14	NA	60 ft south and 15 ft west of the southwest corner of building 1123	Metal object 1/2" round with 2" wire	Onsite	1.71	
535	030910-97	03/09/10	100	80	9	NA	10 ft north and 6 ft west of the northeast corner of building 1123	Metal object 1 1/2" x 1" x 1/4"	Onsite	1.10	
536	030910-98	03/09/10	800	600	25	NA	10 ft north and 6 ft west of the northeast corner of building 1123	Metal object 2" x 2" x 1/16"	Onsite	3.06	
537	030910-99	03/09/10	70	35	7	NA	10 ft north and 6 ft west of the northeast corner of building 1123	Metal object 1/2" x 1/4" x 1/8"	Onsite	0.86	
538	031010-100	03/10/10	4200	3600	80	NA	45 ft north and 45 ft west of the northwest corner of building 1319	Flat metal object 1/2" round	Onsite	9.79	
539	031010-101	03/10/10	260	140	10	NA	45 ft north and 45 ft west of the northwest corner of building 1319	Metal object 1" x 1/4" x 1/4"	Onsite	1.22	

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540	032410-102	03/24/10	150	130	14	NA	24 ft north and 3 ft northwest of the southwest corner of building 1121	Metal object 1/4" x 1/4"	Onsite	1.71	
541	040710-103	04/07/10	1200	800	40	NA	88 ft due west of the northwest of Building 1319	Metal object 1/2" x 1/4"	Onsite	4.89	
542	050810-104	05/08/10	280	160	10	NA	50 ft south of southwest corner of Building 1121	Metal object rusted oblong 1/8" x 1/2"	Onsite	1.22	
543	051910-105	05/19/10	260	150	12	NA	55 ft south of southeast corner of Building 1121	Metal object round 1/4" thick by 1/2" diameter	Onsite	1.47	
544	052010-106	05/20/10	200	150	15	NA	50 ft south of southeast corner of Building 1121	Metal object 4"x4" by 1/4" thick with a 2"x1.5" diameter object attached in center	Onsite	1.84	
545	052010-107	05/20/10	100	100	6	NA	50 ft south of southeast corner of Building 1121	Metal object cylindrical 1"x3/8" diameter	Onsite	0.73	
546	052010-108	05/20/10	30000	30000	500	NA	50 ft south of southwest corner of Building 1121	Metal object 1/4"x1/2"	Onsite	61.17	
547	052010-109	05/20/10	2000	1200	80	NA	50 ft south of southwest corner of Building 1121	Metal object flat round 1/8" diameter x 1/2"	Onsite	9.79	
548	052610-110	05/26/10	180	150	10	NA	50 ft south of southwest corner of Building 1121	Metal object oblong 1/2" x 1/4" x 1/4" thick	Onsite	1.22	
549	052610-111	05/26/10	600	500	26	NA	50 ft south of southwest corner of Building 1121	Metal object oblong 1" x 1/2" x 1/4" thick	Onsite	3.18	
550	052610-112	05/26/10	100	80	10	NA	50 ft south of southwest corner of Building 1121	Metal object square 1" x 1" x 1/2" thick	Onsite	1.22	
551	052610-113	05/26/10	220	200	8	NA	50 ft south of southwest corner of Building 1121, 5 ft east of south west corner	Metal object round 1/2" diameter 1/8" thick	Onsite	0.98	
552	052610-114	05/26/10	400	320	17	NA	45ft south of southwest corner of Building 1121	Metal object oblong 1/2" x 1/4" x 1/8" thick	Onsite	2.08	
553	070110-115	07/01/10	70	45	9	NA	100ft Northwest of Building 1319F	Watch round 3"x1/2"	Onsite	1.10	
554	070610-116	07/06/10	35	19	7	NA	Approx 100 ft from west wall of Building 1319	Metal object 1"x 1/4"	Onsite	0.86	
555	070610-117	07/06/10	25	17	7	NA	Approx 100 ft from west wall of Building 1319	Metal object 1" x 1/8"	Onsite	0.86	
556	070810-118	7/8/2010	100	100	7	NA	100 ft west of Building 1319	Metal object 1/8" by 1/2" by 1/2"	Onsite	0.86	
557	070810-119	07/08/10	600	500	10	NA	100 ft west of Building 1319	Metal round object 1/4" x 1/2" thick	Onsite	1.22	
558	071310-120	07/13/10	280	240	5	NA	Approx 100 ft west of Building 1319 in westside drive road way	3" Needle from gauge	Onsite	0.61	
559	071310-121	07/13/10	130	110	7	NA	Approx 100 ft west of Building 1319 in westside drive road way	1" long wire in insulation	Onsite	0.86	
560	071410-122	07/14/10	4.1	3.6	65	NA	Westside roadway approx. West 100 ft from building 1319	Personnel marker 1 1/2" diameter	Onsite	7.95	
561	071510-123	07/15/10	230	180	12	NA	Approx. 100 ft West of building 1319 in roadway	Metal Object 1" x 1/2"	Onsite	1.47	
562	071910-124	07/19/10	60	35	15	NA	Approx. 100 ft from building 1319 in the roadway	Piece of Metal 1/8" x 1/4"	Onsite	1.84	
563	072010-125	07/20/10	70	50	8	NA	Approx. 100 ft West from 1319 building in excavated roadway	Metal fragment 1/2" x 1/2"	Onsite	0.98	
564	072110-126	07/21/10	80	40	5	NA	Approx 100 ft west of Building 1319 in westside drive road way	Metal Foil 1" x 3"	Onsite	0.61	
565	072210-127	07/22/10	0.6	340	28	NA	Approx 100 ft west of Building 1319 in westside drive road way	1" diameter round metal objecl 1/4" thick	Onsite	3.43	
566	072610-128	07/26/10	800	300	30	NA	Approx. 50 ft southwest of building 1121	Metal 1/2" x 3"	Onsite	3.67	
567	072710-129	07/27/10	500	500	10	NA	60 ft south of southwest corner of building 1121A	Stone & Metal 1/2" x 1/2"	Onsite	1.22	
568	072710-130	07/27/10	280	280	16	NA	60 ft south of southwest corner of building 1121A	Metal object 1/4" x 1/8"	Onsite	1.96	
569	072710-131	07/27/10	800	800	15	NA	60 ft south of southwest corner of building 1121A	Metal oboject 1/2" x 1/4"	Onsite	1.84	
570	072710-132	07/27/10	120	120	8	NA	60 ft south of southwest corner of building 1121A	Metallic Fragment 1/32" x 1/64"	Onsite	0.98	
571	072710-133	07/27/10	160	110	12	NA	60 ft south of southwest corner of building 1121A	1" x 1/2 thick triangle hard clay metallic	Onsite	1.47	
572	072710-134	07/27/10	1000	800	20	NA	60 ft south of southwest corner of building 1121A	1/2" x 3/4" triangular hard clay metallic	Onsite	2.45	
573	072710-135	07/27/10	800	540	24	NA	60 ft south of southwest corner of building 1121A	Tiny Metal fragment 1/8" x 1/8"	Onsite	2.94	
574	072710-136	07/27/10	200	180	10	NA	60 ft south of southwest corner of building 1121A	1/4" x 1/8" x 1/8" Oval metal object	Onsite	1.22	
575	072710-137	07/27/10	1600	1000	32	NA	60 ft south of southwest corner of building 1121A	1" x 1" x 1/2" triangular hard clay metallic	Onsite	3.92	
										70718.50	Total Estimated Activity (µCi)

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From: Barbara Cook
To: Ward, Dan, Tsuji, Denise, Miya, Ryan, Sunga, Remedios, Alasti, Isabella
Date: 1/18/2011 10:51 AM
Subject: Fw: Treasure Island Site 12 - Technical Information Requested by CDPH
Attachments: RE: Treasure Island Site 12 - Technical Information Requested by CDPH

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From: Denise Tsuji
To: Remedios Sunga
Date: 1/28/2011 1:47 PM
Subject: Fwd: Treasure Island
Attachments: Data Request by CDPH - RE: RE: NSTI meeting; FW: Available to meet and discuss NSTI SWDAs?; Fwd: Treasure Island Information; TI; Fwd: FW: Site Drive Through; Fwd: Treasure Island Site Visit Concerns; Treasure Island - Status of Building 233 Demolition ; CA CDPH(RHB) STAFF VISIT TO NAVAL STATION TREASURE ISLAND 01.04.2011; RE: Treasure Island Site 12 - Technical Information Requested by CDPH

here's the e-mail I spoke of this AM.

>>> Denise Tsuji 01/14/11 11:08AM >>>
here's the chronology, as promised.

Nov. 19 RHB to Navy request for info (#1)

Dec 7 DTSC/CDPH/Navy meeting - DTSC f/u sending list of attendee contact info (e-mail/phone #) (#2)
EMB conducts drive by after meeting

Dec 10 EHB to DTSC delay in ID info Request from EMB (#3)
RHB to Shaw (navy contractor) letter (#4)
EHB to RASO e-mail re: drive-by (#5)

Dec. 15 Navy email - re: drive-by (#6)

Dec 27 Navy updates EMB (#7)

Jan 3 String of e-mail response (EMB to RASO (Internal EMB request to forward to appropriate parties) to re: navy Dec. 27 e-mail (#8)
DTSC send email to let EMB/RHB aware of Navy wishes to include at BTC meeting (jan 5)

Jan. 4 RHB begins Inspection at Treasure Island (#9)

Jan 5 - EHB, RHB participate in BTC meeting EMB staff informs wish to have meeting on Bldg 233, not discuss at BTC meeting.

Jan 11 Navy/ DTSC/RHB/ EMB participate in call find out CDHP has been recording meetings

JAN 13/14 Navy provide RHB with info requested in Nov email #1 and RHB reply (#10)

this took a bit longer, the system crashed and had to do e-mail over.

From: "Sullivan, James B CIV OASN (EI&E), BRAC PMO West" <james.b.sullivan2@navy.mil>
To: Ryan Miya <RMiya@dtsc.ca.gov>
CC: Denise Tsuji <DTsuji@dtsc.ca.gov>, "Konzen, Anthony CTR OASN (EI&E), BRA...
Date: 11/30/2010 9:26 AM
Subject: Data Request by CDPH - RE: RE: NSTI meeting

Ryan,

We may need to talk further about this data request by Victor Anderson. BRAC sees this as more of a process meeting, which seems to be more in line with what Barbara is looking for, rather than a data evaluation meeting.

Whether or not CDPH has this data by the 7th would not seem to affect being able to accomplish the objectives of this meeting, which is about process, site concepts and coordination, rather than making technical decisions about the site with the data.

I would offer that the Navy can provide and/or provide the links to the online data that we have available to the extent that we can prior to 12/7, but it may not be everything that Victor is asking for, particularly with regards to data held by the Army's disposal contractor EMS.

If DTSC agrees with our approach to this request, you might want to discuss with it with CDPH before the meeting, so that we all come into the meeting with the same expectations.

Thanks,
Jim

-----Original Message-----

From: Ryan Miya [mailto:RMiya@dtsc.ca.gov]
Sent: Tuesday, November 23, 2010 10:01
To: Konzen, Anthony CTR OASN (EI&E), BRAC PMO West; Clark, David J CIV NAVFAC SW; Sullivan, James B CIV OASN (EI&E), BRAC PMO West
Cc: Denise Tsuji
Subject: Fwd: RE: NSTI meeting

Tony, Dave, and Jim,

Please see the request I received last week from CDPH-RHB regarding information they need to have for the NSTI SWDA tech meeting (they are amenable to 12/7/10 at this point, but have not solidified yet). I know you are going to be in town for the BCT the week prior, so please let me know what will work for your schedules as soon as you can. In order to gather this info (which I am thinking will not take too long to gather since you already have it), it may be better to have the meeting 12/7.

Ryan

>>> "Anderson, Victor (CDPH-RHB)" <Victor.Anderson@cdph.ca.gov> 11/19/2010 7:02 AM >>>
Ryan,

December 7, 2010 will work for Gary and me. We have a Branch meeting scheduled for most of the day on 12/8/10. In order for this to be a meaningful discussion, I need a list of the radioactive materials (commodities, etc.) removed from the site at the North end of the Island. What I need for each discrete source (commodity) removed is the radionuclides in source, measured dose rates from the source, distance the measurement was taken at, assessed radioactivity of source, and how that radioactivity content was determined. I would also like a listing of the concentrations of radioactivity found in the soils remediated. BRAC PMO through its contractor should be able to supply us with the characterization of the SWDA site. Finally, I want a list of all radioactive materials shipments made by EHS from T.I. with the

radionuclides, volume of shipment, and total radioactivity per shipment. Without this information, we cannot begin to talk about this cleanup site in a constructive manner.

Thanks,

Victor Anderson

From: "Sullivan, James B CIV OASN (EI&E), BRAC PMO West" <james.b.sullivan2@navy.mil>
To: Ryan Miya <RMiya@dtsc.ca.gov>
CC: Denise Tsuji <DTsuji@dtsc.ca.gov>, "Clark, David J CIV NAVFAC SW" <david...
Date: 11/30/2010 3:36 AM
Subject: FW: Available to meet and discuss NSTI SWDAs?

Ryan,

Navy BRAC PMO West is available to meet next Tuesday December 7, 2010 at Treasure Island. We need to get back to you with a proposed meeting time and location on TI after we check schedules here.

Our understanding of the agenda is that this would be a management level overview of the Site 12 SWDAs to cover:

- Processes and procedures; the current NTCRA, where we are, and next steps
- Site Conceptual Model
- Location of the data
- How work is being communicated to the project team
- Identifying the primary points of contact at the Navy, DTSC and CDPH
- Upcoming actions
 - SWDA "A" hot spot approach
 - Evaluation of Sites 30, 31 and 33

(For determining the right size of the meeting space, can you confirm that it will be the three of you from DTSC and four from CDPH?)

Thanks,
Jim

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From: Ryan Miya [mailto:RMiya@dtsc.ca.gov]
Sent: Thursday, November 18, 2010 17:01
To: Konzen, Anthony CTR OASN (EI&E), BRAC PMO West; Clark, David J CIV NAVFAC SW; Sullivan, James B CIV OASN (EI&E), BRAC PMO West
Subject: Available to meet and discuss NSTI SWDAs?

Jim, Tony, and David,

Would you and your Navy RASO folks (Laurie L and Zach E) be available to meet with us (Barbara Cook, Denise Tsuji, myself) and CDPH (Tracy Jue, Larry Morgan, Victor Anderson, and Gary Butner) to discuss technical issues regarding the procedures that are being implemented at the SWDA removals at Treasure Island? My management has tasked me with the responsibility to try and get everyone to the table to discuss what we know and the available information that exists regarding the SWDAs. The RASO folks could call in but if you folks from BRAC PMO west could be present in person, that would be preferred. We will likely meet in Berkeley at our office (or would there be a possibility to meet onsite?). Some potential times and dates for us at this point are Monday 11/29 at 11am, Tuesday 12/7 at 10am, or Wednesday 12/8 at 10am. Please let me know what is possible at your earliest convenience. Thank you very much,
Ryan

Ryan Miya
Senior Hazardous Substances Scientist

Brownfields and Environmental Restoration Program - Berkeley Office
Department of Toxic Substances Control
700 Heinz Avenue
Berkeley, CA 94710-2721
Phone: 510-540-3775
FAX: 510-540-3819

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Phone: 510-540-3775
FAX: 510-540-3819

From: Barbara Cook
To: Denise Tsuji; Ryan Miya
Date: 12/10/2010 1:07 PM
Subject: Fwd: Treasure Island Information

>>> "Morgan, Larry (CDPH-PS-DDWEM)" <Larry.Morgan@cdph.ca.gov> 12/10/2010 12:44 PM >>>

Barbara;

We are working to complete the list of Treason Island documents and related items that EMB has on file. Based on my progress, I will send our complete list of TI information to you on Monday. Please contact me if you have questions.

Larry E. Morgan

Environmental Management Branch
1616 Capitol Avenue, MS7402
PO Box 997377
Sacramento, California 95899-7377
916-449-5921 (o) & 916-416-8656 (c)

>>> "Morgan, Larry (CDPH-PS-DDWEM)" <Larry.Morgan@cdph.ca.gov> 12/10/2010
12:44 PM >>>

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Environmental Management Branch

1616 Capitol Avenue, MS 7402

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Sacramento, California 95899-7377

916-449-5921 (o) & 916-416-8656 (c)

From: "DENISE TSUJI" <DTsuji@dtsc.ca.gov>
To: "DENISE TSUJI" <DTsuji>
Date: 1/14/2011 10:32 AM
Subject: TI
Attachments: TI.pdf

Please open the attached document.
This document was sent to you using an HP Digital Sender.

Sent by: DENISE TSUJI <DTsuji@dtsc.ca.gov>
Number of pages: 2
Document type: B/W Document
Attachment File Format: Adobe PDF

To view this document you need to use the Adobe Acrobat Reader.
For free copy of the Acrobat reader please visit:

<http://www.adobe.com>

For more information on the HP Digital Sender please visit:

<http://www.digitalsender.hp.com>



State of California—Health and Human Services Agency
California Department of Public Health



ARNOLD SCHWARZENEGGER
Governor

December 10, 2010

Peter Bourgeois, Project Manager
Shaw Environmental & Infrastructure Group
185 Berry Street, Suite 2200
San Francisco, California 94107-5705

Regarding: Treasure Island

Dear Mr. Bourgeois:

This is to formally notify you that Shaw Environmental & Infrastructure Group is required to be licensed by the California Department of Public Health's (CDPH) Radiologic Health Branch in connection with Shaw's ongoing work activities at Naval Station Treasure Island. Licensure is required pursuant to applicable provisions of the Radiation Control Law (Health & Safety Code sections 114960 – 115225) and Title 17 of the California Code of Regulations (17 CCR sections 30100 – 30395).

Enclosed for your review, completion and return, please find a Radioactive Materials License Application, a Training and Experience statement, a Guide for Applicants for a Radioactive Materials License, and a Radioactive Materials Licensing Fee worksheet. For additional information, visit our website at <http://cdphinternet/pubsforms/forms/Pages/RHBLicensingForms.aspx>.

The Nuclear Regulatory Commission and CDPH exercise concurrent jurisdiction here, so note that while your application for a state license is pending, Shaw will need to request reciprocal recognition of its NRC-issued license, pursuant to 17 CCR section 30225.

Please contact me if you have any questions with regard to the State licensing requirement or process. I can be reached by phone at (916) 440-7942, or by email at gary.butner@cdph.ca.gov.

Sincerely,

Gary W. Butner, Chief
Radiologic Health Branch

cc: Mr. John D. Hamm
Radiological Program Manager
Shaw Environmental & Infrastructure Group
185 Berry Street, Suite 2200
San Francisco, California 94107-5705

Ms. Laura J. Tryboski
Project Radiation Safety Officer
Shaw Environmental & Infrastructure Group
Treasure Island Field Office
950 Avenue M, Building 570
San Francisco, California 94130

From: Ryan Miya
To: Barbara Cook; Denise Tsuji
Date: 12/10/2010 3:26 PM
Subject: Fwd: FW: Site Drive Through
Attachments: IMG00008-20101207-1424.jpg

As referenced regarding Treasure Island. R

>>> "Sullivan, James B CIV OASN (EI&E), BRAC PMO West" <james.b.sullivan2@navy.mil> 12/10/2010 10:08 AM >>>
Ryan,

Per our conversation, this is the e-mail and photograph sent by CDPH directly to RASO.

Thanks,
Jim

-----Original Message-----

From: Taibi, Guy (CDPH-DDWEM) [<mailto:Guy.Taibi@cdph.ca.gov>]
Sent: Wednesday, December 08, 2010 18:30
To: Lowman, Laurie L CIV SEA 04 04N
Cc: Edwards, Zachary L CIV SEA 04 04N; Morgan, Larry (CDPH-PS-DDWEM)
Subject: Site Drive Through

Laurie,

After yesterday's conference call, Larry Morgan and I took a short drive around T1. This visit was simply opportunistic, as the meeting/conference call was had just concluded.

As we approached the Westside RCA we noticed a vehicle leaving the RCA. No gate or rope was in place after the vehicle exited, nor were any personnel in sight. We drove our vehicle halfway through the open gate. We stayed in the vehicle for a minute or two and observed the Westside Drive RCA from inside the vehicle. No personnel or vehicles were in sight from that vantage point either. Had we so desired, we could have driven into the excavation area, or exited our vehicles and walked directly into the RCA excavation area.

We backed out of the Westside Drive gate and continued on to Building 233. Larry had questions as to whether the tarped material in the parking lot was radiologically impacted or not? If so, why was it not containerized and/or placarded (it was not)? If it was clean why hadn't it simply gone into a clean bin? (I'm sure there is some explanation; if you could get back to us with that it would be appreciated, as we were both curious).

We drove around the island and observed several significant excavation activities occurring outside Site 12. The gate at Lester Court was also open, and personnel were inside performing some work.

We returned to the Westside Drive gate after a touring the other sites (approximately 15 to 20 minutes later), again to find it opened and unmanned. At this point in time, a vehicle was parked well inside the area off to the right and no personnel were in sight. We remained there for a short time, until someone appeared from the right inside the controlled area. We backed out as he approached after waving our intentions to leave, and snapped a picture as we backed out. Attached is the picture from inside the vehicle just as a safety-vested person approached from the right.

We are confident you are aware of the myriad of serious issues this open gate at Westside Drive presents, and are equally confident you will address these issues appropriately. Please let us know if you care to discuss this matter further. We have several more photos (basically depicting the same) as well as some Building 233 photos. If you'd like us to forward them along, or if you have any questions about this incident, please let us know.

Thank you,

Guy

Gaetano Taibi

Associate Health Physicist

California Department of Public Health

Environmental Management Branch

1616 Capitol Avenue, MS 7405

P.O. Box 997377

Sacramento, CA 95899-7377

Guy.Taibi@cdph.gov

(916) 322-5769 work

(916) 870-2473 cell

(916) 449-5665 fax

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From: Taibi, Guy (CDPH-DDWEM)
Sent: Wednesday, December 08, 2010 2:27 PM
To: Taibi, Guy (CDPH-DDWEM)
Subject: IMG00008-20101207-1424.jpg

From: Robert Elliott
To: Denise Tsuji; Ryan Miya
Date: 12/16/2010 11:05 AM
Subject: Fwd: Treasure Island Site Visit Concerns

FYI

Robert L. Elliott
Senior Staff Counsel
(916) 327-6105

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>>> "Norman, Marvin D CIV WEST Counsel" <marvin.norman@navy.mil> 12/15/2010 2:24 PM >>>
Catherine/Peter,

During our meeting yesterday you made reference to various concerns about site conditions at Treasure Island. It seems that we all initially inferred that you were referring to potential public safety concerns associated with current building occupancy by tenants. However, late in the meeting Peter read directly from an e-mail message or other document, and it seemed that the issues being raised were concerns about the previous accounting or tracking of bins of hazardous material, and concerns about a lack of information about the disposal activity. However, you also referred to certain actual "discoveries" of radiological materials or other items that presented a cause for concern.

Can you please clarify for me exactly what are the current causes for concern, and how these concerns were made known to you?

During the meeting yesterday I initially thought that the "site visit" to which you were referring was the visit by RHB staff members which was characterized as a "public health assessment" and was coordinated amongst Navy, DTSC, CDPH and RASO personnel back in October of this year, immediately after a phone conference regarding the legislative jurisdiction of Treasure Island. I understand that Steve Hsu, Gary Butner, Victor Anderson, Roger Lup and Jeff Wong toured the site, accompanied by Navy personnel, but to my knowledge no report of the site visit was ever provided to Navy.

I learned today that a "Site Drive Through" was conducted by Guy Taibi, of the EMB Branch of CDPH, along with Larry Morgan (CDPH-PS-DDWEM) on December 7. Guy's drive-by was not coordinated with anyone, but was "simply opportunistic" following a meeting that had just concluded on Treasure Island. Guy drove around and saw an open gate that he thought should have been secured, saw some tarped material and was curious about whether or not it was radiologically impacted, and saw what he thought were "several significant excavation activities occurring outside Site 12."

Were the concerns that you were referring to in our meeting yesterday somehow related to Guy's self-guided tour of Treasure Island?

I also understand that during a recent BCT meeting, there was some discussion about manifests and disposal activity. I'm wondering if the BCT meeting is the source of the information that was the basis for the information read by Peter during the meeting (relating to bins, etc.).

Can you please help demystify some of this for me? Specifically, if you are aware of any information that presents a specific cause for concern about building occupancy, please share with me, specifically and in detail, this information.

Regards,
Marvin Norman
Associate Counsel
Navy BRAC Program Management Office, West

From: "Konzen, Anthony CTR OASN (EI&E), BRAC PMO West" <anthony.konzen.ctr@navy.mil>
To: "Morgan, Larry (CDPH-PS-DDWEM)" <Larry.Morgan@cdph.ca.gov>
CC: "Edwards, Zachary L CIV SEA 04 04N" <zachary.edwards@navy.mil>, "Lowman,...
Date: 12/27/2010 1:56 PM
Subject: Treasure Island - Status of Building 233 Demolition

Larry - I wanted to provide you with an update on the Building 233 demolition. Essentially, scanning and remediation of the building have been completed in accordance with the procedures and remediation criteria cited in the demolition work plan. Because of elevated gamma background readings measured primarily at the east end of the building during the surveys that we attribute to known ground surface impacts (e.g., asphalt near door, etc), we have decided to implement an additional level of debris screening during building demolition and debris processing that would focus on floor joists, subfloors, and other building materials in low lying areas on the first and second floors. Procedurally, this supplements waste screening, management and disposal discussions provided in the B233 Demolition Work Plan.

The first step will be to site a debris staging area adjacent to B233 that does not exhibit the elevated background gamma observed at B233. For the area being considered for staging, a mean scanning background will be determined with Ludlum Model 44-10 NaI scintillation detectors. For establishing background, readings below 6,000 counts per minute (cpm) are preferable. Each Model 44-10 detector and Ludlum Model 2221 scaler/ratemeter will have an instrument-specific scan and static investigation level determined. The scanning investigation level will be based on the mean of the data logged scan measurements plus 3 standard deviations. The data will be collected by walking over the debris staging area with the detector 4-inches above the surface at a maximum forward speed of 0.5 meter per second (M/sec). Each transect will be offset no more than 0.5 meter from the previous transect.

A static investigation level based on the mean plus 3 standard deviations will be determined for each instrument by collecting 20, 1-minute static counts within the debris staging area. The locations of the static counts will be determined by using Visual Sampling Plan (VSP) to plot systematic locations within the staging area using a random starting point.

All debris handling will be performed using suitable heavy equipment run by Shaw equipment operators. Processed debris from the demolition of Building 233 will be laid out in one or more rows in the debris staging area for gamma scanning. Generally, each debris row will be no more than 8-feet wide stacked in the thinnest layers practicable.

In addition to visual evaluation of the building materials for staining and residue, an RCT will scan the debris row by walking adjacent to the row while maintaining the detector approximately 4-inches above the material and will move the detector over the entire accessible surface of the debris at a maximum speed of 0.5 M/sec. In any location where the scanning investigation count rate (mean plus 3 standard deviations) is exceeded or staining and/or residue are observed, the RCT will scan to identify the highest reading and delineate the elevated location. The RCT will take one or more static measurements at this location.

Debris within an elevated area that has static counts that exceed the static measurement investigation level, (static count mean plus 3 standard deviations) will be segregated and subjected to further scanning/investigation for potential disposal as low-level radioactive waste (LLRW). Waste considered to be LLRW will be placed in roll off bins provided by EMS and disposed at an appropriate facility under EMS coordination. Debris that is below the investigation levels will be disposed of as non-radiological construction debris. Construction debris will be loaded into high side end dump trucks for offsite disposal at an approved Class III landfill. Removal of construction debris will be provided by a properly licensed transporter. Disposal facilities will be compliant with U.S. EPA CERCLA (off site) policy rules.

Once debris screening and disposal activities are completed, a gamma walkover survey will be conducted in the staging area to evaluate this area for residual radiological activity. Depending on the results of gamma walkover scanning, recommendations may be included in the B233 Final Status Survey Work Plan to include this area in the Final Status Survey field work for Building 233.

Because this additional screening work is considered a modification to the current contract with Shaw, the modification will need to be approved by the contracting officers at Shaw and the Navy. Therefore, building demolition and supplementary scanning have been delayed until late January or early February. We will keep you posted on the schedule.

If you have any questions, please feel free to give me a call or return email.

Regards,

Tony K.

Anthony D. Konzen, PG 7106, CHG 850
PM, BRAC PMO
1455 Frazee Road, Suite 900
San Diego, CA 92108
Ph: 619-532-0924
Fax: 619-532-0983

From: "Sullivan, James B CIV OASN (EI&E), BRAC PMO West" <james.b.sullivan2@navy.mil>
To: "Gilkey, Douglas E CIV OASN (EI&E), BRAC PMO West" <douglas.gilkey@navy....>
Date: 1/5/2011 3:24 AM
Subject: CA CDPH(RHB) STAFF VISIT TO NAVAL STATION TREASURE ISLAND 01.04.2011

Tuesday, January 04, 2011

All,

Today, Tuesday January 4th, six staff members from California CDPH Radiological Health Branch (RHB) arrived at Treasure Island. They stated that their purpose was to conduct an investigation based on a letter received from a concerned citizen. The Navy has not seen the letter. Reference was also made to the Cal Watchdog blog article published several months ago.

By coincidence, David Clark and Tony Konzen from Navy BRAC happened to be on the island and were able to meet with the CDPH staff.

Navy BRAC PMO West and our contractor Shaw Environmental are fully cooperating with CDPH staff in this inquiry. They indicated they would be on the island for some period of time and that their investigation would take about a month or two.

Jim Sullivan

James B. Sullivan
Navy BRAC Environmental Coordinator
Former Naval Station Treasure Island
james.b.sullivan2@navy.mil
Cell (619) 743-8375

From: "Anderson, Victor (CDPH-RHB)" <Victor.Anderson@cdph.ca.gov>
To: "Konzen, Anthony CTR OASN (EI&E), BRAC PMO West" <anthony.konzen.ctr@nav...
CC: "Sullivan, James B CIV OASN (EI&E), BRAC PMO West" <james.b.sullivan2@na...
Date: 1/14/2011 7:11 AM
Subject: RE: Treasure Island Site 12 - Technical Information Requested by CDPH

Tony,

Thank you for supplying me with the information below. I was able to access the Shaw Net. In reviewing the data, I have not found estimated radioactivity levels of any of the commodities found at Treasure Island in either Curies, Becquerel's, or their subunits. The gamma analysis report clearly states on page two that estimates of such radioactivity would be made using the gamma factor for Ra-226. Please provide me a listing of the estimated radioactivity levels of the commodities found at Treasure Island.

Thanks,

Victor

-----Original Message-----

From: Konzen, Anthony CTR OASN (EI&E), BRAC PMO West
[mailto:anthony.konzen.ctr@navy.mil]
Sent: Thursday, January 13, 2011 4:24 PM
To: Anderson, Victor (CDPH-RHB)
Cc: Sullivan, James B CIV OASN (EI&E), BRAC PMO West; Clark, David J CIV NAVFAC SW; Lansdale, Lawrence L CIV OASN (EI&E), BRAC PMO West; Edwards, Zachary L CIV SEA 04 04N; Lowman, Laurie L CIV SEA 04 04N; Morgan, Larry (CDPH-PS-DDWEM); Jue, Tracy (CDPH-DDWEM); Ryan Miya; dtsuji@dtsc.ca.gov; Foote, Gary; Bourgeois, Peter; Hamm, John; William.carson@terraphase.com; Ross Steenson; garvey.melinda@epa.gov; Rash, Marcie
Subject: Treasure Island Site 12 - Technical Information Requested by CDPH

Victor - I am attaching some of the documentation you requested in your email to DTSC during the holidays, and providing some detail where the rest of the information may be found.

Groundwater Studies

I have attached two reports: 1) An aquifer characterization study report and, 2) a tidal study report.

I am also having a CD version of the 2009 Annual Groundwater Monitoring Report for Sites 12 and 6 sent to you by our groundwater sampling contractor, TREVET. This should arrive tomorrow.

List of Commodities with Radiological Data

Shaw has setup a folder on the Shaw Portal/SharePoint site called "DPH Library." The current commodity list is there. Note that all of the New World and Shaw commodities that have been analyzed to date contain radium-226 with the associated daughter products. The New World laboratory reports describing the procedures, methods and results of

gamma spectral analysis completed at the Site with appendices containing the raw data can be found in the "DPH" folder as well, labeled as "NWT Commodity Evaluation Reports."

Note that for future commodities being placed in the locker, Shaw is making arrangements to obtain equipment that will discern radionuclide type as the commodities are retrieved from the field, in addition to dose measurements.

Radiological Procedures

A copy of the Site 12 Removal action Work Plan with Appendices has also been placed in the DPH folder. The SAP (Appendix C) contains details on radiological sampling procedures used at Site 12. I also understand that John Hamm has provided the relevant radiation protection SOPs to Paul Lavelly.

You should be receiving login information from Shaw needed to access the SharePoint site. Please call me if you have any questions.

Regards,

Tony K.

Anthony D. Konzen, PG 7106, CHG 850
PM, BRAC PMO
1455 Frazee Road, Suite 900
San Diego, CA 92108
Ph: 619-532-0924
Fax: 619-532-0983

Brownfields and Environmental Restoration Program - Berkeley Office
Department of Toxic Substances Control
700 Heinz Avenue
Berkeley, CA 94710-2721
Phone: 510-540-3775
FAX: 510-540-3819

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State of California—Health and Human Services Agency
California Department of Public Health



ARNOLD SCHWARZENEGGER
Governor

December 10, 2010

Peter Bourgeois, Project Manager
Shaw Environmental & Infrastructure Group
185 Berry Street, Suite 2200
San Francisco, California 94107-5705

Regarding: Treasure Island

Dear Mr. Bourgeois:

This is to formally notify you that Shaw Environmental & Infrastructure Group is required to be licensed by the California Department of Public Health's (CDPH) Radiologic Health Branch in connection with Shaw's ongoing work activities at Naval Station Treasure Island. Licensure is required pursuant to applicable provisions of the Radiation Control Law (Health & Safety Code sections 114960 – 115225) and Title 17 of the California Code of Regulations (17 CCR sections 30100 – 30395).

Enclosed for your review, completion and return, please find a Radioactive Materials License Application, a Training and Experience statement, a Guide for Applicants for a Radioactive Materials License, and a Radioactive Materials Licensing Fee worksheet. For additional information, visit our website at <http://cdphinternet/pubsforms/forms/Pages/RHBLicensingForms.aspx>.

The Nuclear Regulatory Commission and CDPH exercise concurrent jurisdiction here, so note that while your application for a state license is pending, Shaw will need to request reciprocal recognition of its NRC-issued license, pursuant to 17 CCR section 30225.

Please contact me if you have any questions with regard to the State licensing requirement or process. I can be reached by phone at (916) 440-7942, or by email at gary.butner@cdph.ca.gov.

Sincerely,

Gary W. Butner, Chief
Radiologic Health Branch

cc: Mr. John D. Hamm
Radiological Program Manager
Shaw Environmental & Infrastructure Group
185 Berry Street, Suite 2200
San Francisco, California 94107-5705

Ms. Laura J. Tryboski
Project Radiation Safety Officer
Shaw Environmental & Infrastructure Group
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950 Avenue M, Building 570
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Dear Mr. Bourgeois:

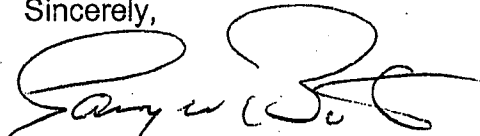
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Project Radiation Safety Officer
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December 10, 2010

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185 Berry Street, Suite 2200
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Regarding: Treasure Island

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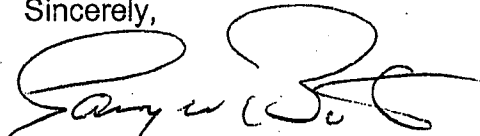
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Ms. Laura J. Tryboski
Project Radiation Safety Officer
Shaw Environmental & Infrastructure Group
Treasure Island Field Office
950 Avenue M, Building 570
San Francisco, California 94130

From: "Anderson, Victor (CDPH-RHB)" <Victor.Anderson@cdph.ca.gov>
To: Remedios Sunga <RSunga@dtsc.ca.gov>
Date: 2/1/2011 9:58 AM
Subject: RE: TI - Copy of Site Characterization

Remedios,

Yes, it is our understanding that this characterization was done for site 12. One of the reasons that we want to review the site characterization is that we do know the extent of the radiological characterization both in terms of physical space and technical factors.

Thanks,

Victor

From: Remedios Sunga [mailto:RSunga@dtsc.ca.gov]
Sent: Tuesday, February 01, 2011 9:18 AM
To: Anderson, Victor (CDPH-RHB)
Subject: Fwd: TI - Copy of Site Characterization

Victor,

Ryan has forwarded your request about TI. Can you provide more details on the site characterization data before I send your request to the Navy? Is this at Site 12 SWDAs? Thanks -- Medi

Remedios V. Sunga
Project Manager

Department of Toxics Substances Control
700 Heinz Avenue
Berkeley, California 94710
(510) 540-3840
(510) 540-3819 fax

>>> On 2/1/2011 at 9:07 AM, in message
<4D47CD5A.292A.009F.0@dtsc.ca.gov>, Ryan Miya wrote:

>>> "Anderson, Victor (CDPH-RHB)" <Victor.Anderson@cdph.ca.gov>
1/31/2011 10:37 AM >>>
Ryan,

It is my understanding that New World Technologies performed a radiological site characterization survey for Shaw Environmental on Treasure Island during 2007. Please ask BRAC PMO for Treasure Island to provide a complete copy of that survey and its supporting data and appendices by February 15, 2011. If the information is greater than 10 MB, please have them copy it to a CD and send the CD to:

Victor Anderson
Radiologic Health Branch
California Department of Public Health
1500 Capitol Ave, MS 2610
Sacramento, CA 95899

Thanks,

Victor

From: Remedios Sunga
To: Anthony CTR OASN (I&E) BRAC PMO West Konzen; David J CIV NAVFAC SW Clar...
CC: Victor (CDPH-RHB) Anderson
Date: 2/1/2011 9:26 AM
Subject: Fwd: Copy of Site Characterization

Please see the attached e-mail from CDPH-RHB requesting for data. I have requested Victor to provide more details.

Thanks -- Medi

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1500 Capitol Ave, MS 2610
Sacramento, CA 95899

Thanks,

Victor

From: "Sullivan, James B CIV OASN (EI&E), BRAC PMO West" <james.b.sullivan2@navy.mil>
To: Remedios Sunga <RSunga@dtsc.ca.gov>, "Victor (CDPH-RHB) Anderson" <Victo...
CC: "Konzen, Anthony CTR OASN (EI&E), BRAC PMO West" <anthony.konzen.ctr@nav...
Date: 2/1/2011 4:08 PM
Subject: RE: Copy of Site Characterization

Medi, Victor,

Is the site characterization you are referring to the walkover surveys we did outside of the excavation footprint after the excavation was completed? Or the surveys of the excavation footprint itself as it was being excavated?

Thanks,
Jim

-----Original Message-----

From: Remedios Sunga [mailto:RSunga@dtsc.ca.gov]
Sent: Tuesday, February 01, 2011 9:26
To: Konzen, Anthony CTR OASN (EI&E), BRAC PMO West; Clark, David J CIV NAVFAC SW; Sullivan, James B CIV OASN (EI&E), BRAC PMO West; Edwards, Zachary L CIV SEA 04 04N
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It is my understanding that New World Technologies performed a radiological site characterization survey for Shaw Environmental on Treasure Island during 2007. Please ask BRAC PMO for Treasure Island to provide a complete copy of that survey and its supporting data and appendices by February 15, 2011. If the information is greater than 10 MB, please have them copy it to a CD and send the CD to:

Victor Anderson

Radiologic Health Branch

California Department of Public Health

1500 Capitol Ave, MS 2610

Sacramento, CA 95899

Thanks,

Victor

Thanks,

Victor

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From: "Anderson, Victor (CDPH-RHB)" <Victor.Anderson@cdph.ca.gov>
To: "Sullivan, James B CIV OASN (EI&E), BRAC PMO West" <james.b.sullivan2@na...
CC: "Konzen, Anthony CTR OASN (EI&E), BRAC PMO West" <anthony.konzen.ctr@nav...
Date: 2/2/2011 8:54 AM
Subject: RE: Copy of Site Characterization

Jim,

My understanding is that New World Technologies (NWT) did a survey of the SWDA areas prior to any commodities being removed. This would have been done after the discovery of the large radium source with a 10 R/hr "contact" dose rate. The "characterization" was most likely a walkover survey using a DART instrument done by NWT in either 2007 or 2008.

Victor

-----Original Message-----

From: Sullivan, James B CIV OASN (EI&E), BRAC PMO West
[mailto:james.b.sullivan2@navy.mil]
Sent: Tuesday, February 01, 2011 4:08 PM
To: Remedios Sunga; Anderson, Victor (CDPH-RHB)
Cc: Konzen, Anthony CTR OASN (EI&E), BRAC PMO West; Clark, David J CIV
NAVFAC SW; Edwards, Zachary L CIV SEA 04 04N
Subject: RE: Copy of Site Characterization

Medi, Victor,

Is the site characterization you are referring to the walkover surveys we did outside of the excavation footprint after the excavation was completed? Or the surveys of the excavation footprint itself as it was being excavated?

Thanks,

Jim

-----Original Message-----

From: Remedios Sunga [mailto:RSunga@dtsc.ca.gov]

Sent: Tuesday, February 01, 2011 9:26

To: Konzen, Anthony CTR OASN (EI&E), BRAC PMO West; Clark, David J CIV NAVFAC SW; Sullivan, James B CIV OASN (EI&E), BRAC PMO West; Edwards, Zachary L CIV SEA 04 04N

Cc: Victor (CDPH-RHB) Anderson

Subject: Fwd: Copy of Site Characterization

Please see the attached e-mail from CDPH-RHB requesting for data. I have requested Victor to provide more details.

Thanks -- Medi

>>> On 2/1/2011 at 9:07 AM, in message
<4D47CD5A.292A.009F.0@dtsc.ca.gov>, Ryan Miya wrote:

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1/31/2011 10:37 AM >>>

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1500 Capitol Ave, MS 2610

Sacramento, CA 95899

Thanks,

Victor

From: Remedios Sunga
To: Victor (CDPH-RHB) Anderson
Date: 2/1/2011 9:17 AM
Subject: Fwd: TI - Copy of Site Characterization

Victor,

Ryan has forwarded your request about TI. Can you provide more details on the site characterization data before I send your request to the Navy? Is this at Site 12 SWDAs? Thanks -- Medi

Remedios V. Sunga
Project Manager
Department of Toxic Substances Control
700 Heinz Avenue
Berkeley, California 94710
(510) 540-3840
(510) 540-3819 fax

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From: "Anderson, Victor (CDPH-RHB)" <Victor.Anderson@cdph.ca.gov>
To: Remedios Sunga <rsunga@dtsc.ca.gov>
CC: "Butner, Gary (CDPH-RHB)" <Gary.Butner@cdph.ca.gov>
Date: 2/8/2011 9:09 AM
Subject: RE: Fwd: Radiation Surveys at TI Starting on 2/14 to 2/16/11 --- Conf Call tomorrow

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From: Remedios Sunga [mailto:rsunga@dtsc.ca.gov]
Sent: Monday, February 07, 2011 5:28 PM
To: Butner, Gary (CDPH-RHB); Hsu, Steve (CDPH-DFDRS-RHB)
Cc: Taibi, Guy (CDPH-DDWEM); Morgan, Larry (CDPH-PS-DDWEM); Jue, Tracy (CDPH-DDWEM); Anderson, Victor (CDPH-RHB); Denise Tsuji; Ryan Miya; anthony.konzen.ctr@navy.mil; david.j.clark2@navy.mil; james.b.sullivan2@navy.mil; zachary.edwards@navy.mil; peter.bourgeois@shawgrp.com
Subject: Re: Fwd: Radiation Surveys at TI Starting on 2/14 to 2/16/11
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Cc: Denise Tsuji <DTsuji@dtsc.ca.gov>; Ryan Miya <RMiya@dtsc.ca.gov>
Sent: Mon Feb 07 11:55:59 2011
Subject: Fwd: Radiation Surveys at TI Starting on 2/14 to 2/16/11 ---
Conf Call tomorrow

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We can have another call with EMB on Thursday if EMB thinks it is necessary and the Navy is available. Otherwise, we can have followup discussions with all parties at our next call on the 22nd.

Ryan have been forwarding your e-mails to me and Denise so please include us in all your e-mails/communications regarding TI.

Thanks -- Medi

Remedios V. Sunga
Project Manager

Department of Toxics Substances Control
700 Heinz Avenue
Berkeley, California 94710
(510) 540-3840

(510) 540-3819 fax

>>> On 2/3/2011 at 3:53 PM, in message
<4D4ACF5B.292A.009F.0@dtsc.ca.gov>, Ryan Miya wrote:

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>>> "Hsu, Steve (CDPH-DFDRS-RHB)" <Steve.Hsu@cdph.ca.gov> 2/3/2011 3:30 PM >>>
Good Afternoon, Gentlemen,

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We would like to survey the above-mentioned areas for any potential radiation anomalies. There will be a team of 4 RHB staff participating in this survey trip. You are welcome to join us for this survey trip. Please let me know if you have any additional questions. BTW, I will be out of office from tomorrow, 2/4/11, until I return on next Friday, 2/11/11. However, I can be reached at 916-806-3378. Thanks for your attention to this matter.

Sincerely,

Stephen Hsu, Senior Health Physicist

Radiological Assessment Unit

Radiologic Health Branch

California Department of Public Health

Radiologic Health Branch, MS 7610

P.O. Box 997414

Sacramento, CA 95899-7414

916-440-7940 phone

916-341-7135 fax

Steve.Hsu@cdph.ca.gov

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From: Remedios Sunga
To: Victor (CDPH-RHB) Anderson
CC: Anthony CTR OASN (I&E) BRAC PMO West Konzen; David J CIV NAVFAC SW Clar...
Date: 2/8/2011 9:26 AM
Subject: RE: Fwd: Radiation Surveys at TI Starting on 2/14 to 2/16/11 --- Conf Call tomorrow

Victor,

The meeting is a bi-weekly meeting with CDPH that was scheduled when I was gone. Since EMB, cannot participate, Ryan/Denise asked me to query RHB if we should still have the call since there are outstanding documents/info that RHB requested from the Navy, and we received an e-mail from Steve Hsu about the surveys next week. We thought a call today would clarify the documents you requested and answer questions on the surveys. Since RHB and the Navy do not see the need to have the call, today's call is, therefore, canceled. The next call is on Feb 22nd at 10:00 am.

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From: Denise Tsuji
To: Barbara Cook; Dan Ward
CC: Remedios Sunga
Date: 2/8/2011 10:05 AM
Subject: RE: Fwd: Radiation Surveys at TI Starting on 2/14 to 2/16/11 --- Conf Call tomorrow

The call this string of e-mail refers to is the bi-weekly calls DTSC arranged to facilitate CDPH/Navy dialogue. We've had 2 calls of which RHB participated in both. I believe Gary and Victor participated in both, the last on 1/25 for sure.

d.

>>> Remedios Sunga 02/08/11 09:26AM >>>
Victor,

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From: Remedios Sunga
To: Victor (CDPH-RHB) Anderson
CC: Gary (CDPH-RHB) Butner
Date: 2/15/2011 3:02 PM
Subject: RE: Data Request and Questions

Hi Victor,

The Navy would like to discuss your additional questions with their rad expert next week (see Tony's e-mail below). Please let me know your availability on the 24th and 25th.

Thanks -- Medi

>>> On 2/15/2011 at 1:38 PM, in message
<CB4CC7AA60910C418E5BB55B8F95AAE801296B48@nawespscez03v.nadsuswe.nads.navy.mil>, "Konzen, Anthony CTR OASN (EI&E), BRAC PMO West" <anthony.konzen.ctr@navy.mil> wrote:

Hi Medi - I have discussed Victor's email with Shaw related to the gamma spec report for commodities recovered from Site 12. Because his questions are focusing on specific technical aspects of the gamma spec work completed by New World, we will need input from one of Shaw's senior radiological experts and he is not available until next week. Our hope would be to have a telecom with Victor and Shaw to go over his questions and hopefully resolve them. I am proposing that call next Thursday or Friday. I will give you a call next Tuesday or Wednesday to discuss a day and time.

Regards,

Tony K.

Anthony D. Konzen, PG 7106, CHG 850
PM, BRAC PMO
1455 Frazee Road, Suite 900
San Diego, CA 92108
Ph: 619-532-0924
Fax: 619-532-0983

>>> On 2/15/2011 at 7:53 AM, in message <59294A8D1BD93047A33B6EB898935F7902930F98@dhsexcm3g13.intra.dhs.ca.gov>, "Anderson, Victor (CDPH-RHB)" <Victor.Anderson@cdph.ca.gov> wrote:

Medi,

My last information request has been downloaded to the Shaw Net. The information on Shaw Net completes my last request for shipping and survey information. Please extend my thanks to the BRAC PMO and their contractors for their timely assistance. I will be reviewing the data and may have additional questions.

I am nearly complete with my review of the data concerning the commodities removed from the SWDA areas. However, I do have two areas that concern me.

1) In reviewing the reported dose rates on the master list and the dose rates reported by New World Technology (NWT), I noted that the one foot dose rates on each report differ by two to three orders of magnitude. THE NWT reported dose rates are in mR/hr. When converted to microR/hr, these rates do not agree with the master list dose rates. Please determine which one foot dose rate is the correct reading and explain why?

2) In reviewing the 2009 spectra taken by NWT, I noted two problems. Starting with scan number 23 (Master list item number 10114), the energy calibration of the spectrometer is off by about 39 keV at the 609 keV Bi-214 line. This energy error continues to increase to about 54 keV at the 609 keV line. The result is to lead the casual observer to believe that Cs-137 (662 keV) may be present. Why wasn't the spectrometer energy calibrated and that calibration maintained as stated in the approved procedure?

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From: "Anderson, Victor (CDPH-RHB)" <Victor.Anderson@cdph.ca.gov>
To: Remedios Sunga <RSunga@dtsc.ca.gov>
CC: "James B CIV OASN (I&E) BRAC PMO West Sullivan" <james.b.sullivan2@navy....>
Date: 2/15/2011 7:54 AM
Subject: Data Request and Questions

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To: Remedios Sunga <rsunga@dtsc.ca.gov>
CC: "Sullivan, James B CIV OASN (EI&E), BRAC PMO West" <james.b.sullivan2@na...>
Date: 2/15/2011 1:39 PM
Subject: RE: Data Request and Questions

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Regards,

Tony K.

Anthony D. Konzen, PG 7106, CHG 850
PM, BRAC PMO
1455 Frazee Road, Suite 900
San Diego, CA 92108
Ph: 619-532-0924
Fax: 619-532-0983

-----Original Message-----

From: Remedios Sunga [mailto:rsunga@dtsc.ca.gov]
Sent: Tuesday, February 15, 2011 9:15
To: Sullivan, James B CIV OASN (EI&E), BRAC PMO West
Subject: Fwd: Data Request and Questions

Hi Jim,

Please respond to Victor's questions in his e-mail below.

I have a question on the 2006 FOSTs for TI and YBI. I was also trying to talk to David Rist but he is out of the office. Was CDPH involved in the 2006 FOSTs? Did they review or provide recommendations?

I appreciate your prompt response. I have to get back to Stew Black today on this question who in turn may need to brief our Secretary on the FOST and CDPH issues.

Thanks -- Medi

>>> On 2/15/2011 at 7:53 AM, in message
<59294A8D1BD93047A33B6EB898935F7902930F98@dhsexcm13.intra.dhs.ca.gov>, "Anderson, Victor (CDPH-RHB)" <Victor.Anderson@cdph.ca.gov> wrote:

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From: "Anderson, Victor (CDPH-RHB)" <Victor.Anderson@cdph.ca.gov>
To: Remedios Sunga <rsunga@dtsc.ca.gov>
Date: 2/22/2011 3:08 PM
Subject: RE: Data Request and Questions

Medi,

Please ask the Navy if they have picked a time and date for 2/24 or 2/25/11. I am currently free on both of those days. However, I do want to make sure that I keep their selected time free.

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Victor

From: Remedios Sunga [mailto:rsunga@dtsc.ca.gov]
Sent: Tuesday, February 15, 2011 3:03 PM
To: Anderson, Victor (CDPH-RHB)
Cc: Butner, Gary (CDPH-RHB)
Subject: RE: Data Request and Questions

Hi Victor,

The Navy would like to discuss your additional questions with their rad expert next week (see Tony's e-mail below). Please let me know your availability on the 24th and 25th.

Thanks -- Medi

>>> On 2/15/2011 at 1:38 PM, in message
<CB4CC7AA60910C418E5BB55B8F95AAE801296B48@nawespsce303v.nadsuswe.nads.navy.mil>, "Konzen, Anthony CTR OASN (EI&E), BRAC PMO West"
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From: "Anderson, Victor (CDPH-RHB)" <Victor.Anderson@cdph.ca.gov>
To: Remedios Sunga <rsunga@dtsc.ca.gov>
Date: 2/23/2011 8:28 AM
Subject: RE: RE: RE: Data Request and Questions

Medi,

I am free next Monday morning (1/28/11) and Tuesday (3/1/11). The next two weeks (3/7 to 3/18/11) I will be in emergency exercises and class.

Thanks,

Victor

From: Remedios Sunga [mailto:rsunga@dtsc.ca.gov]
Sent: Wednesday, February 23, 2011 8:20 AM
To: Anderson, Victor (CDPH-RHB)
Subject: Fwd: RE: RE: Data Request and Questions

Hi Victor,

Shaw cannot do it this week (see Tony's e-mail below). Are you available next Mon and Tuesday?

Thanks -- Medi

>>> On 2/23/2011 at 8:16 AM, in message
<CB4CC7AA60910C418E5BB55B8F95AAE8012EA01B@nawespscez03v.nadsuswe.nads.navy.mil>, "Konzen, Anthony CTR OASN (EI&E), BRAC PMO West"
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Sent: Tuesday, February 22, 2011 15:15
To: Konzen, Anthony CTR OASN (EI&E), BRAC PMO West
Subject: Fwd: RE: Data Request and Questions

Tony,

Please let me know when you would like to have the call with Victor Anderson (see his e-mail below). I have an appointment on the 25th so I would prefer it for the 24th. You can have the call on the 25th without me.

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From: "Sullivan, James B CIV OASN (EI&E), BRAC PMO West" <james.b.sullivan2@navy.mil>
To: Remedios Sunga <rsunga@dtsc.ca.gov>
CC: Ryan Miya <RMiya@dtsc.ca.gov>, "Clark, David J CIV NAVFAC SW" <david.j.c...
Date: 2/22/2011 12:58 PM
Subject: NSTI Radiological Conference Call

Medi,

Per our phonecon this morning, sorry we missed the call!!! For the next call, could you send a meeting invitation or a meeting reminder e-mail? That would help everyone to remember and plan for the call.

At this point, I would recommend a call once per month, instead of every two weeks. It seems that EMB and RHB have gotten a lot of the information they were looking for, and what they might be looking for in the future should be through our planned distribution of documents per the SMP.

Thanks,
Jim

-----Original Message-----

From: Remedios Sunga [mailto:rsunga@dtsc.ca.gov]
Sent: Tuesday, February 08, 2011 9:27
To: Victor (CDPH-RHB) Anderson
Cc: Gary (CDPH-RHB) Butner; Guy.Taibi@cdph.ca.gov; Larry.Morgan@cdph.ca.gov; Steve.Hsu@cdph.ca.gov; Tracy (CDPH-DDWEM) Jue; Denise Tsuji; Ryan Miya; Konzen, Anthony CTR OASN (EI&E), BRAC PMO West; Clark, David J CIV NAVFAC SW; Sullivan, James B CIV OASN (EI&E), BRAC PMO West; Edwards, Zachary L CIV SEA 04 04N; peter.bourgeois@shawgrp.com
Subject: RE: Fwd: Radiation Surveys at TI Starting on 2/14 to 2/16/11 --- Conf Call tomorrow

Victor,

The meeting is a bi-weekly meeting with CDPH that was scheduled when I was gone. Since EMB, cannot participate, Ryan/Denise asked me to query RHB if we should still have the call since there are outstanding documents/info that RHB requested from the Navy, and we received an e-mail from Steve Hsu about the surveys next week. We thought a call today would clarify the documents you requested and answer questions on the surveys. Since RHB and the Navy do not see the need to have the call, today's call is, therefore, canceled. The next call is on Feb 22nd at 10:00 am.

Thanks -- Medi

Remedios V. Sunga
Project Manager
Department of Toxics Substances Control
700 Heinz Avenue
Berkeley, California 94710
(510) 540-3840
(510) 540-3819 fax

>>> On 2/8/2011 at 9:08 AM, in message
<59294A8D1BD93047A33B6EB898935F7902930F85@dhsexcm313.intra.dhs.ca.gov>, "Anderson, Victor (CDPH-RHB)" <Victor.Anderson@cdph.ca.gov> wrote:

Medi,

Gary and I are a bit puzzled as to the purpose and need for this phone meeting. RHB will be conducting surveys

outside of the fenced area in site 12 next week where members of the public work and live. The regulatory purpose of these surveys is to confirm that members of the public are not being exposed to ionizing radiation levels in excess of the public dose limits from licensed activities involving the use of radioactive materials. RHB has informed the BRAC PMO for Treasure Island and DTSC of this upcoming survey as matter of professional courtesy. Should we discover any radiation levels of concern, we will inform both BRAC PMO for and DTSC of our findings. Please clarify the request for the proposed meeting.

Thanks,

Victor

From: Remedios Sunga [mailto:rsunga@dtsc.ca.gov]
Sent: Monday, February 07, 2011 5:28 PM
To: Butner, Gary (CDPH-RHB); Hsu, Steve (CDPH-DFDRS-RHB)
Cc: Taibi, Guy (CDPH-DDWEM); Morgan, Larry (CDPH-PS-DDWEM); Jue, Tracy (CDPH-DDWEM); Anderson, Victor (CDPH-RHB); Denise Tsuji; Ryan Miya; anthony.konzen.ctr@navy.mil; david.j.clark2@navy.mil; james.b.sullivan2@navy.mil; zachary.edwards@navy.mil; peter.bourgeois@shawgrp.com
Subject: Re: Fwd: Radiation Surveys at TI Starting on 2/14 to 2/16/11 --- Conf Call tomorrow

Hi Gary and Victor,

Since EMB and Steve Hsu will not participate, do you still want to have the call tomorrow?

Thanks -- Medi

2011 at 4:46 PM, in message
<B799FC80CFE97C4E9E49ED82D948E76C014AC5F0@dhsexcmgs13.intra.dhs.ca.gov>, "Hsu, Steve (CDPH-DFDRS-RHB)" <Steve.Hsu@cdph.ca.gov> wrote:

I am in Irvine and will return Thursday afternoon around 2:30 pm.

So, I am not available for the concall tomorrow.

From: Remedios Sunga <rsunga@dtsc.ca.gov>
To: Butner, Gary (CDPH-RHB); Taibi, Guy (CDPH-DDWEM); Morgan, Larry (CDPH-PS-DDWEM); Hsu, Steve (CDPH-DFDRS-RHB); Jue, Tracy (CDPH-DDWEM); Anderson, Victor (CDPH-RHB); Anthony CTR OASN (I&E) BRAC PMO West Konzen <anthony.konzen.ctr@navy.mil>; David J CIV NAVFAC SW Clark <david.j.clark2@navy.mil>; James B CIV OASN (I&E) BRAC PMO West Sullivan <james.b.sullivan2@navy.mil>; zachary.edwards@navy.mil <zachary.edwards@navy.mil>; peter.bourgeois@shawgrp.com <peter.bourgeois@shawgrp.com>
Cc: Denise Tsuji <DTsuji@dtsc.ca.gov>; Ryan Miya <RMiya@dtsc.ca.gov>
Sent: Mon Feb 07 11:55:59 2011

Subject: Fwd: Radiation Surveys at TI Starting on 2/14 to 2/16/11 --- Conf Call tomorrow

Hi All,

Tracy requested to move our call/meeting tomorrow for Thursday since Larry and Guy will be out. We recommend to have the call with RHB tomorrow to followup and get feedback on their info/document request, and rad surveys at TI next week on Mon, Tues and Wed (see e-mail below).

We can have another call with EMB on Thursday if EMB thinks it is necessary and the Navy is available. Otherwise, we can have followup discussions with all parties at our next call on the 22nd.

Ryan have been forwarding your e-mails to me and Denise so please include us in all your e-mails/communications regarding TI.

Thanks -- Medi

Remedios V. Sunga
Project Manager

Department of Toxics Substances Control
700 Heinz Avenue
Berkeley, California 94710
(510) 540-3840
(510) 540-3819 fax

>>> On 2/3/2011 at 3:53 PM, in message <4D4ACF5B.292A.009F.0@dtsc.ca.gov>, Ryan Miya wrote:

Just got this and didn't see you on the correspondence list. Original was sent to Tony Konzen, Jim Sullivan, Zach Edwards, and cc'd to Gary Butner, Jeff Wong, John Fassell, Larry Morgan, Roger Lupo, and Victor Anderson.

>>> "Hsu, Steve (CDPH-DFDRS-RHB)" <Steve.Hsu@cdph.ca.gov> 2/3/2011 3:30 PM >>>
Good Afternoon, Gentlemen,

As directed, I am sending this e-mail to inform you of RHB planned survey activity at TI from 2/14-16/11. The proposed areas to be covered for this trip includes (1) the adjacent areas to the fence-in radiation area in site #12, (2) any vehicle-accessible areas within site #12, and (3) other areas in site #12 where the TI residents live. This survey may also include those access roads in the residential area near the fence-in radiation area in site #12.

We would like to survey the above-mentioned areas for any potential radiation anomalies. There will be a team of 4 RHB staff participating in this survey trip. You are welcome to join us for this survey trip. Please let me know if you have any additional questions. BTW, I will be out of office from tomorrow, 2/4/11, until I return on next Friday, 2/11/11. However, I can be reached at 916-806-3378. Thanks for your attention to this matter.

Sincerely,

Stephen Hsu, Senior Health Physicist
Radiological Assessment Unit
Radiologic Health Branch
California Department of Public Health
Radiologic Health Branch, MS 7610
P.O. Box 997414
Sacramento, CA 95899-7414

916-440-7940 phone

916-341-7135 fax

Steve.Hsu@cdph.ca.gov

The information contained in this document is confidential and is intended only to be viewed by the recipient listed above. If you are not the recipient (or the agent responsible to deliver this to the intended recipient) you are hereby notified that any distribution or copying of this document is strictly prohibited. If you have received this document in error, please contact the sender above and destroy this document.

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To: Remedios Sunga <rsunga@dtsc.ca.gov>
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Date: 2/23/2011 8:17 AM
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Sent: Tuesday, February 22, 2011 15:15
To: Konzen, Anthony CTR OASN (EI&E), BRAC PMO West
Subject: Fwd: RE: Data Request and Questions

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Sent: Tuesday, February 15, 2011 3:03 PM
To: Anderson, Victor (CDPH-RHB)
Cc: Butner, Gary (CDPH-RHB)

Subject: RE: Data Request and Questions

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Date: 2/28/2011 2:09 PM
Subject: Fwd: RE: RE: RE: Data Request and Questions

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CC: "Fassell, John (CDPH-DFDRS-RHB-RMS)" <John.Fassell@cdph.ca.gov>, "Butner...
Date: 2/28/2011 2:05 PM
Subject: RE: RE: RE: Data Request and Questions

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Subject: Fwd: RE: RE: Data Request and Questions

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1455 Frazee Road, Suite 900
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Ph: 619-532-0924
Fax: 619-532-0983

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CC: "Sullivan, James B CIV OASN (EI&E), BRAC PMO West" <james.b.sullivan2@na...
Date: 2/28/2011 1:01 PM
Subject: RE: RE: Data Request and Questions

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CC: Cook, Barbara; Denise Tsuji; Gary (CDPH-RHB) Butner; Remedios Sunga; ...
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To: Denise Tsuji; Remedios Sunga; Ryan Miya
CC: Cook, Barbara
Date: 3/4/2011 9:47 AM
Subject: Fwd: Fw: TI and CDPH - FW: RE: RE: RE: Data Request and Questions

Hi TI Team,

It seems odd to me that Victor Anderson, from RHB, in pursuing information about the Navy's contractors, makes information requests to Medi. CDPH claims that RHB is not covered under our CDPH contract. CDPH also said that they would funnel all cleanup related issues through one point of contact (EMB) to the BCT.

I'm also not sure that our involvement in RHB's regulatory activities would be chargeable to our Navy grant.

I'd like to discuss with you how/where you think requests from RHB, such as Victor's last one, should be directed. Do we want to be the go-between for these requests?

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Hi Medi - Shaw is really tied up this week with a couple of very important Navy deliverables and another visit from CDPH this morning. The early part of next week would be better (Monday or Tuesday). I will be in touch tomorrow or Friday to discuss a call schedule.

Regards,

Tony K.

Anthony D. Konzen, PG 7106, CHG 850
PM, BRAC PMO
1455 Frazee Road, Suite 900
San Diego, CA 92108
Ph: 619-532-0924
Fax: 619-532-0983

-----Original Message-----

From: Remedios Sunga [<mailto:rsunga@dtsc.ca.gov>]
Sent: Tuesday, February 22, 2011 15:15
To: Konzen, Anthony CTR OASN (EI&E), BRAC PMO West
Subject: Fwd: RE: Data Request and Questions

Tony,

Please let me know when you would like to have the call with Victor Anderson (see his e-mail below). I have an appointment on the 25th so I would prefer it for the 24th. You can have the call on the 25th without me.

Thanks -- Medi

>>> On 2/22/2011 at 3:07 PM, in message <59294A8D1BD93047A33B6EB898935F7902930FC2@dhsexcmgs13.intra.dhs.ca.gov>, "Anderson, Victor (CDPH-RHB)" <Victor.Anderson@cdph.ca.gov> wrote:

Medi,

Please ask the Navy if they have picked a time and date for 2/24 or 2/25/11. I am currently free on both of those days. However, I do want to make sure that I keep their selected time free.

Thanks,

Victor

From: Remedios Sunga [<mailto:rsunga@dtsc.ca.gov>]
Sent: Tuesday, February 15, 2011 3:03 PM
To: Anderson, Victor (CDPH-RHB)
Cc: Butner, Gary (CDPH-RHB)
Subject: RE: Data Request and Questions

Hi Victor,

The Navy would like to discuss your additional questions with their rad expert next week (see Tony's e-mail below). Please let me know your availability on the 24th and 25th.

Thanks -- Medi

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1) In reviewing the reported dose rates on the master list and the dose rates reported by New World Technology (NWT), I noted that the one foot dose rates on each report differ by two to three orders of magnitude. THE NWT reported dose rates are in mR/hr. When converted to microR/hr, these rates do not agree with the master list dose rates. Please determine which one foot dose rate is the correct reading and explain why?

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list item number 10114), the energy calibration of the spectrometer is off by about 39 keV at the 609 keV Bi-214 line. This energy error continues to increase to about 54 keV at the 609 keV line. The result is to lead the casual observer to believe that Cs-137 (662 keV) may be present. Why wasn't the spectrometer energy calibrated and that calibration maintained as stated in the approved procedure?

3) All of the 2009 spectra have peak counts between 100 and 1000 counts on the lower end of the spectrum. Yet these sources are reported to have one foot dose rate in the mR/hr region with one source (master list number 939) had a reported dose rate of 1,000 mR/hr. Such low counts are inconsistent with the implied high activities and the reported collection time of 300 seconds. Please explain this discrepancy?

Thanks,

Victor

From: Dan Ward
To: Denise Tsuji; Remedios Sunga; Ryan Miya
CC: Cook, Barbara
Date: 3/4/2011 9:47 AM
Subject: Fwd: Fw: TI and CDPH - FW: RE: RE: RE: Data Request and Questions

Hi TI Team,

It seems odd to me that Victor Anderson, from RHB, in pursuing information about the Navy's contractors, makes information requests to Medi. CDPH claims that RHB is not covered under our CDPH contract. CDPH also said that they would funnel all cleanup related issues through one point of contact (EMB) to the BCT.

I'm also not sure that our involvement in RHB's regulatory activities would be chargeable to our Navy grant.

I'd like to discuss with you how/where you think requests from RHB, such as Victor's last one, should be directed. Do we want to be the go-between for these requests?

Thanks, Dan

>>> "Lansdale, Lawrence L CIV OASN (EI&E), BRAC PMO West" <lawrence.lansdale@navy.mil> 2/28/2011 8:09 PM >>>

Dan

Based on our meeting last week with CDPH do you know the objective of RHB's inquire and their schedule? I am out of the office and only have a few email addresses but was hoping you could help with this.

Thanks Lawrence

----- Original Message -----

From: Sullivan, James B CIV OASN (EI&E), BRAC PMO West
To: Lansdale, Lawrence L CIV OASN (EI&E), BRAC PMO West; Gilkey, Douglas E CIV OASN (EI&E), BRAC PMO West
Cc: Clark, David J CIV NAVFAC SW; Konzen, Anthony CTR OASN (EI&E), BRAC PMO West; Norman, Marvin D CIV WEST Counsel
Sent: Mon Feb 28 18:49:59 2011
Subject: TI and CDPH - FW: RE: RE: RE: Data Request and Questions

Lawrence, Doug,

Mr. Victor Anderson from CDPH(RHB) contacted DTSC on 2/15/2011 with some questions related to New World Technology (NWT) data on the radiological commodities excavated from the TI Site 12 SWDA areas. Based on the very specific technical questions asked by Mr. Anderson, and the fact that NWT is no longer on the project, we needed to involve Shaw senior radiological staff. We have been working to coordinate a date for a teleconference call, but due to Shaw involvement with several outgoing radiological deliverables to support of our FFSRA schedules, plus site visits by CDPH's Bay Area field staff, we requested a date later this week on either Thursday March 3rd or Monday March 7th.

Unintentionally on our part, this scheduling may have caused some concern to Mr. Anderson. We certainly want to address Mr. Anderson's questions and assist him in his inquiry in a timely manner, but we are also trying to keep our FFSRA schedule, move the radiological investigation and remediation forward, and deal with the numerous site visits by CDPH's local field staff.

It would be helpful to the Navy project team to have a clearer understanding from DTSC and CDPH as to what objectives they are trying to accomplish and what their schedule is, and how it fits within a regulatory context including CERCLA and our FFSRA.

Could we ask Mr. Steve Woods to provide some assistance, and perhaps participate in the call (tentative on Monday at 1:00 pm) with Mr. Anderson?

v/r, Jim
Jim Sullivan
Navy BRAC Environmental Coordinator
Former Naval Station Treasure Island

From: Remedios Sunga [<mailto:rsunga@dtsc.ca.gov>]
Sent: Monday, February 28, 2011 1:35 PM
To: Anderson, Victor (CDPH-RHB)

Subject: Fwd: RE: RE: Data Request and Questions

Hi Victor,

Sorry but the Navy has another dates for the call. Please let me know if you are available this Thurs or next Monday at 10am (see Tony's e-mail below).

Thank you -- Medi

>>> On 2/28/2011 at 1:00 PM, in message
<CB4CC7AA60910C418E5BB55B8F95AAE8013522AD@nawespsce03v.nadsuswe.nads.navy.mil>, "Konzen, Anthony CTR OASN (EI&E), BRAC PMO West" <anthony.konzen.ctr@navy.mil> wrote:

Medi - Would Victor be available for a call this Thursday, probably mid-morning since the key Shaw person contributing to the call will be on the east coast (3 hrs ahead). Please check with Victor. If Thursday does not work then ask him about Monday.

Regards,

Tony K.

Anthony D. Konzen, PG 7106, CHG 850
PM, BRAC PMO
1455 Frazee Road, Suite 900
San Diego, CA 92108
Ph: 619-532-0924
Fax: 619-532-0983

-----Original Message-----

From: Remedios Sunga [<mailto:rsunga@dtsc.ca.gov>]
Sent: Monday, February 28, 2011 11:27
To: Konzen, Anthony CTR OASN (EI&E), BRAC PMO West
Subject: RE: RE: Data Request and Questions

I forgot to ask you about the call with Shaw this week. Victor has been waiting to have this call scheduled.

Thanks -- Medi

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Thanks,

Victor

From: "Sullivan, James B CIV OASN (EI&E), BRAC PMO West" <james.b.sullivan2@navy.mil>
To: Remedios Sunga <rsunga@dtsc.ca.gov>
Date: 3/21/2011 3:17 PM
Subject: RE: Bimonthly TI Meeting

Hi Medi,

Are we still scheduled for 10:00 am tomorrow the 22nd? The Navy will be calling in.

I think the meetings are settling into a regular routine where we can provide an update on document submittals and field schedules. If anything needs a more lengthy discussion among a smaller group of participants (like something specific to EMB), I would recommend to have that item tabled to a separate call, similar to what we would do at a BCT meeting.

Jim

-----Original Message-----

From: Remedios Sunga [mailto:rsunga@dtsc.ca.gov]
Sent: Tuesday, March 15, 2011 12:20
To: Larry.Morgan@cdph.ca.gov
Cc: Gary.Butner@cdph.ca.gov; John.Fassell@cdph.ca.gov; Tracy.Jue@cdph.ca.gov;
Victor.Anderson@cdph.ca.gov; Denise Tsuji; Sullivan, James B CIV OASN (EI&E), BRAC PMO West
Subject: Re: Bimonthly TI Meeting

Larry,

The meeting was changed to monthly on second Tuesdays. Tracy requested to move the March 8th call to the 15th or the 22nd because most of RHB and EMB staff are on training. The Navy said they are available on the 22nd. I sent an appointment earlier for the 22nd at 10:00am. I will also send a proposed agenda before the meeting.

Thanks -- Medi

Remedios V. Sunga
Hazardous Substances Engineer
Department of Toxic Substances Control
700 Heinz Avenue, Suite 200
Berkeley, California 94710
(510) 540-3840
(510) 540-3819 fax

>>> "Morgan, Larry (CDPH-PS-DDWEM)" <Larry.Morgan@cdph.ca.gov> 03/15/11 10:56 AM >>>
Medi;

Was the 10 o'clock meeting postponed or cancelled? John and I called
and no one from BRAC picked up the call.

Larry E. Morgan

Environmental Management Branch

1616 Capitol Avenue, MS 7402

PO Box 997377

Sacramento, California 95899-7377

916-449-5921 (o) & 916-416-8656 (c)

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From: Remedios Sunga
To: James B CIV OASN (EI&E) BRAC PMO West Sullivan
CC: Denise Tsuji
Date: 3/21/2011 3:26 PM
Subject: RE: Bimonthly TI Meeting
Attachments: TI DTSC, CDPH & Navy Meeting Agenda 3-22-11.doc

Jim,

Yes, the meeting is on for tomorrow. I have prepared a draft agenda which is still under Denise's review. The agenda is all encompassing and we may not cover all if we have to discuss specifics. Let me know your suggested changes.

Thanks -- Medi

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Treasure Island Site
Navy, DTSC, CDPH and Navy Coordination Meeting
March 22, 2011 Meeting Agenda
Tuesday 10:00am

1. Building 233
 - A. Work Instructions – CDPH EMB and RHB Comments
 - B. Final Status Survey Work Plan Schedule
2. Site 12
 - A. Hot Spot Removal Work Instructions – CDPH Comments
 - B. Building Demolition
 - C. Final Status Survey Master Work Plan Schedule
3. Site 31
 - A. Work Instructions – CDPH Comments
 - B. Soil Stockpile Survey – CDPH RHB Comments
4. Communication Strategy and Points of Contact – Clarification on how CDPH EMB and RHB's comments and requests are transmitted to DTSC and the Navy
5. CDPH Communication Plan for public inquiries
6. Update on CDPH Request for Data and Information

Call in #: 866-822-0121
Participant Code: 1122026#

Sacramento, California 95899-7377

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To: Remedios Sunga <rsunga@dtsc.ca.gov>
CC: Denise Tsuji <DTsuji@dtsc.ca.gov>
Date: 3/21/2011 3:52 PM
Subject: RE: Bimonthly TI Meeting
Attachments: TI DTSC, CDPH & Navy Meeting Agenda 3-22-11.doc

Medi, Denise,

I made some recommended changes in track change mode to add more specifics on the items.

For 3.B. Soil Stockpile Survey, we don't have anything for RHB to comment on, so I would delete the comments part. We can discuss the path forward. (We did do a walkover survey of the pile last week, but we don't have published results yet. RHB may still want the Navy to spread out the pile, but it would be more cost effective to incorporate a final evaluation of the Stockpile into the revision work plan for the completion of the Site 31 excavation.)

Thanks for the opportunity to review.

Jim

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Sent: Monday, March 21, 2011 15:27
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Cc: Denise Tsuji
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Thanks -- Medi

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Navy, DTSC, CDPH and Navy Coordination Meeting
March 22, 2011 Meeting Agenda
Tuesday 10:00am

1. Building 233

- A. Debris Gamma Survey Work Instructions – CDPH EMB and RHB Comments
- B. Final Status Survey Work Plan Schedule

2. Site 12

- A. Hot Spot Removal Work Instructions – CDPH Comments
- B. Building Demolition Work Instruction
- C. Final Status Survey Master Work Plan Schedule

3. Site 31

- A. Investigation of Elevated Anomaly Work Instructions – CDPH Comments
- B. Soil Stockpile Survey
– CDPH RHB Comments
- ~~B.C.~~ Site 31/33 Revised Work Plan

- 4. Communication Strategy and Points of Contact – Clarification on how CDPH EMB and RHB's comments and requests are transmitted to DTSC and the Navy
- 5. CDPH Communication Plan for public inquiries
- 6. Update on CDPH Request for Data and Information

Call in #: 866-822-0121
Participant Code: 1122026#

Formatted: Indent: Left: 0.75", No bullets or numbering

From: Remedios Sunga
To: Tracy (CDPH-DDWEM) Jue
Date: 4/11/2011 4:36 PM
Subject: RE: RE: TI Call tomorrow

Thank you Tracy. I was instructed to work directly with EMB. EMB will then coordinate with RHB so please notify RHB of the meetings.

Medi

>>> On 4/11/2011 at 3:37 PM, in message <D8488F18DEA97E45BFA03A43702621A00227AB0C@dhsexcm11.intra.dhs.ca.gov>, "Jue, Tracy (CDPH-DDWEM)" <Tracy.Jue@cdph.ca.gov> wrote:

Medi:
Here is a list of all the RHB staff who are actively involved with Treasure Island.
Thanks
Tracy

Kent.Prendergast@cdph.ca.gov
Eugene.ForresterII@cdph.ca.gov
Paul.Lavelly@cdph.ca.gov
John.Fassell@cdph.ca.gov
Victor.Anderson@cdph.ca.gov
Steve.Hsu@cdph.ca.gov

From: Remedios Sunga [<mailto:rsunga@dtsc.ca.gov>]
Sent: Monday, April 11, 2011 3:01 PM
To: Jue, Tracy (CDPH-DDWEM)
Cc: Morgan, Larry (CDPH-PS-DDWEM)
Subject: RE: RE: TI Call tomorrow

Thank you Tracy. I would like to send the monthly appt. through Dec 2011 so they will be placed in everyone's calendar way ahead of time. I have done the appt. earlier but accidentally deleted them. I have previously included Gary Bunter, Steve HS and Victor Anderson but there are a lot more RAB staff involved. Please provide a list on who should be included in the meeting appt..

Medi

>>> On 4/11/2011 at 2:51 PM, in message <D8488F18DEA97E45BFA03A43702621A00227AB0A@dhsexcm11.intra.dhs.ca.gov>, "Jue, Tracy (CDPH-DDWEM)" <Tracy.Jue@cdph.ca.gov> wrote:

Medi:
For sure EMB will be available and one RHB staff.
Thanks
Tracy

From: Remedios Sunga [<mailto:rsunga@dtsc.ca.gov>]
Sent: Monday, April 11, 2011 2:09 PM
To: Jue, Tracy (CDPH-DDWEM)
Subject: Fwd: RE: TI Call tomorrow

The purpose of the call is to provide updates on both sides, It was originally scheduled twice a month and reduced to monthly on the 2nd Tuesday of each month. DTSC coordinated the meeting to have a continued dialogue on rad issues at TI. Attached is a draft agenda. This agenda will not change much each month. Let me know if you have any input.

Thanks -- Medi

>>> On 4/11/2011 at 1:56 PM, in message <D8488F18DEA97E45BFA03A43702621A00227AB04@dhsexcmg11.intra.dhs.ca.gov>, "Jue, Tracy (CDPH-DDWEM)" <Tracy.Jue@cdph.ca.gov> wrote:

Medi:

RHB requested more information about the meeting. Does the Navy has any updates on the work instructions? Are they going to discuss the plan forward on these instructions? Is there agenda?

Thanks

Tracy

From: Remedios Sunga [<mailto:rsunga@dtsc.ca.gov>]

Sent: Monday, April 11, 2011 1:25 PM

To: Jue, Tracy (CDPH-DDWEM)

Subject: TI Call tomorrow

Hi Tracy,

I want to confirm our call tomorrow at 10am before sending an appointment and an agenda. Please check with RHB if they can participate. Thanks -- Medi

From: "Jue, Tracy (CDPH-DDWEM)" <Tracy.Jue@cdph.ca.gov>
To: Remedios Sunga <rsunga@dtsc.ca.gov>
Date: 4/11/2011 3:39 PM
Subject: RE: RE: TI Call tomorrow

Medi:

Here is a list of all the RHB staff who are actively involved with
Treasure Island.

Thanks

Tracy

Kent.Prendergast@cdph.ca.gov

Eugene.ForrerII@cdph.ca.gov

Paul.Lavely@cdph.ca.gov

John.Fassell@cdph.ca.gov

Victor.Anderson@cdph.ca.gov

Steve.Hsu@cdph.ca.gov

From: Remedios Sunga [mailto:rsunga@dtsc.ca.gov]
Sent: Monday, April 11, 2011 3:01 PM
To: Jue, Tracy (CDPH-DDWEM)
Cc: Morgan, Larry (CDPH-PS-DDWEM)
Subject: RE: RE: TI Call tomorrow

Thank you Tracy. I would like to send the monthly appt. through Dec
2011 so they will be placed in everyone's calendar way ahead of time. I
have done the appt. earlier but accidentally deleted them. I have
previously included Gary Bunter, Steve HS and Victor Anderson but there
are a lot more RAB staff involved. Please provide a list on who should
be included in the meeting appt..

Medi

>>> On 4/11/2011 at 2:51 PM, in message

<D8488F18DEA97E45BFA03A43702621A00227AB0A@dhsexcm11.intra.dhs.ca.gov>,
"Jue, Tracy (CDPH-DDWEM)" <Tracy.Jue@cdph.ca.gov> wrote:

Medi:

For sure EMB will be available and one RHB staff.

Thanks

Tracy

From: Remedios Sunga [mailto:rsunga@dtsc.ca.gov]
Sent: Monday, April 11, 2011 2:09 PM
To: Jue, Tracy (CDPH-DDWEM)
Subject: Fwd: RE: TI Call tomorrow

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From: "Anderson, Victor (CDPH-RHB)" <Victor.Anderson@cdph.ca.gov>
To: Remedios Sunga <rsunga@dtsc.ca.gov>
CC: "Butner, Gary (CDPH-RHB)" <Gary.Butner@cdph.ca.gov>, "Fassell, John(CDPH...
Date: 5/23/2011 11:05 AM
Subject: RE: Information on Large Ra Sources

Medi,

Our reply is not very helpful or cooperative. This is an enforcement issue that also has a bearing on the radiological remediation issue. That is why I included Larry Morgan in the cc list. I will contact the U.S. Navy directly.

Victor

From: Remedios Sunga [mailto:rsunga@dtsc.ca.gov]
Sent: Monday, May 23, 2011 10:56 AM
To: Anderson, Victor (CDPH-RHB)
Cc: Butner, Gary (CDPH-RHB); Fassell, John (CDPH-DFDRS-RHB-RMS); Prendergast, Kent (CDPH-DFDRS-RHB-ICE); Morgan, Larry (CDPH-PS-DDWEM); Hsu, Steve (CDPH-DFDRS-RHB); Woods, Steve (CDPH-DDWEM-EMB-WMS); Denise Tsuji; Dan Ward
Subject: Re: Information on Large Ra Sources

Hi Victor,

As directed by my upper management, I should be working with EMB for CERCLA related inquiries and activities at TI, and RHB should coordinate with EMB in transmitting inquiries/comments to DTSC. At our monthly meeting with the Navy and CDPH, we requested CDPH to identify site activities related to cleanup vs. compliance/inspection. Please identify if this inquiry is related to CERCLA cleanup. If it is, please coordinate with EMB in sending it to DTSC through Tracy Jue and Larry Morgan. If not, you can send your inquiry directly to the Navy. However, we appreciate being informed of the inquiry by including me in the cc list.

Thank you -- Medi

Remedios V. Sunga

Project Manager

Department of Toxics Substances Control
700 Heinz Avenue
Berkeley, California 94710
(510) 540-3840
(510) 540-3819 fax

>>> On 5/23/2011 at 10:21 AM, in message
<59294A8D1BD93047A33B6EB898935F79029311ED@dhsexcm13.intra.dhs.ca.gov>,
"Anderson, Victor (CDPH-RHB)" <Victor.Anderson@cdph.ca.gov> wrote:

Medi,

It is my understanding that two incidents occurred at Treasure Island involving large Ra-226 sources. The first incident occurred in 2008 and involved the discovery of a large Ra-226 source that reputedly exhibited dose rates in the range of 1 rem/hr. In the other incident, a former employee of Shaw Environmental exceeded their administrative dose limit while working with a large Ra-226 source or sources. Please ask the U.S. Navy and Shaw if they have the following information concerning these incidents:

Date(s) of incident

Radioactivity of the sources or sources

Dose (exposure) rates a 6 inches or better from the sources.

Where on Treasure Island the sources were found.

If for some reason, this information is part of an ongoing investigation please find out who the investigating agency is.

Thanks,

Victor

From: "Anderson, Victor (CDPH-RHB)" <Victor.Anderson@cdph.ca.gov>
To: Remedios Sunga <rsunga@dtsc.ca.gov>
CC: "Butner, Gary (CDPH-RHB)" <Gary.Butner@cdph.ca.gov>, "Fassell, John(CDPH...
Date: 5/23/2011 11:05 AM
Subject: RE: Information on Large Ra Sources

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Radioactivity of the sources or sources

Dose (exposure) rates a 6 inches or better from the sources.

Where on Treasure Island the sources were found.

If for some reason, this information is part of an ongoing investigation please find out who the investigating agency is.

Thanks,

Victor

From: "Beck, Jessica" <Jessica.Beck@tetrattech.com>
To: zachary.edwards@navy.mil; Victor.Anderson@cdph.ca.gov; Tracy.Jue@cdph.ca...
Date: 8/2/2011 4:21 PM
Subject: TI BCT Meeting August 3rd at 10AM, Tetra Tech Offices, Oakland
Attachments: 1. Aug 2011 BCT Agenda.pdf; 2. Navy Funding Aug 2011.pdf; 4. BCTSite 12 8-3-2011.pdf; 5. Building 233 BCT 8-3-2011.pdf; 6. BCT Field activities8-3-2011.pdf; 7. BCT_SGHandout_Aug.pdf; 8. Aug 2011 DTS_BCT_Master.pdf; 9. Aug 2011 FS_BCT_Master.pdf; 10. TI_RAB_agenda155_draft_to_RAB_and_BCT.pdf; 11. TI CR Activities List for BCT 8.3.11.pdf; 12. Aug 2011 BCT Action Items.pdf; Treasure Island News August 2011.pdf; UPDATED TI Contact List_AUG_2011.pdf

Good afternoon, TI BCT -

In preparation for tomorrow's August 3rd, TI BCT meeting, the following files are attached:

- * Agenda
- * Navy Funding Priority List
- * Site 12 SWDA Field Efforts Presentation
- * Building 233 Presentation
- * Field Activities Presentation
- * Site 21 handout
- * Document Tracking Sheet and Field Schedule
- * Community Relations Activities List
- * Draft August RAB Meeting Agenda
- * Action Item List

Also attached is the updated TI BCT contact list, as well as the August TI Residents' Newsletter.

We will meet at Tetra Tech EMI, at 1999 Harrison Street, 5th Floor, at 10AM.

The BCT call-in information is:

Dial: 800-857-4419

Meeting #2011000

See you tomorrow!

Jessica A. Beck | Project Manager
Direct: 510.302.6235 | Main: 510.302.6300 | Fax: 510.433.0830
jessica.beck@tetrattech.com

Tetra Tech EM Inc.
1999 Harrison Street, Suite 500 | Oakland, CA 94612 | www.tetrattech.com

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AGENDA
NAVAL STATION TREASURE ISLAND
BRAC CLEANUP TEAM / REMEDIAL PROJECT MANAGERS MEETING

Date: Wednesday, August 3, 2011

Time: 10:00 a.m. to 12:00 p.m.

Place: Tetra Tech EMI, 1999 Harrison Street, Suite 500, Oakland, CA

Dial In: 800-857-4419

Meeting ID#: 2011000

10:00 – 10:05	Item: I. Opening: Goal:	Introductions, Meeting Guidelines, Agenda Review Facilitator Introduce all attendees, review guidelines, discuss changes to agenda or add 'Other Items'
10:05 – 10:10	Item: II. Opening: Goal: Process:	Approval of BCT Meeting Minutes James Sullivan Address BCT review comments on previous meeting minutes and approve ▪ BCT Discussion/question and answer ▪ LRA Check-in/question and answer ▪ Update and identify action items
10:10 – 10:15	Item: III. Opening: Goal: Process:	Navy and Organizational Updates Dave Clark / James Sullivan Provide updates on Navy budget, changes within the Navy organization, and other BCT organizational updates ▪ BCT Discussion/question and answer ▪ LRA Check-in/question and answer ▪ Update and identify action items
10:15 – 10:25	Item: IV. Opening: Goal: Process:	Transfer Update James Sullivan Provide summary status of Navy/TIDA transfer discussions and information on transfer related environmental tasks ▪ BCT Discussion/question and answer ▪ LRA Check-in/question and answer ▪ Update and identify action items
10:25 – 10:55	Item: V. Opening: Goal: Process:	Field Activities Tony Konzen / Pete Bourgeois / Danielle Janda Provide an update on field activities (Sites 12, 31/33, Building 233, 21, 24, and 32). ▪ BCT Discussion/question and answer ▪ LRA Check-in/question and answer ▪ Update and identify action items

AGENDA
NAVAL STATION TREASURE ISLAND
BRAC CLEANUP TEAM / REMEDIAL PROJECT MANAGERS MEETING

10:55 – 11:10	Item: VI. Opening: Goal: Process:	Upcoming Documents and Field Activities Dave Clark / Jessica Beck Identify upcoming documents and field activities ✓ Distribute document tracking sheet and field schedule and discuss items upcoming in the next month ▪ BCT Discussion/question and answer ▪ LRA Check-in/question and answer ▪ Update and identify action items
11:10 – 11:20	Item: VII. Opening: Goal: Process:	RAB Meeting Agenda / Community Relations Update James Sullivan Discuss outcome of previous RAB meeting, the draft agenda for the upcoming RAB meeting, and provide comrel updates ✓ Discuss any inquiries received from community members ▪ BCT Discussion/question and answer ▪ LRA Check-in/question and answer ▪ Update and identify action items
11:20 – 11:40	Item: VIII. Opening: Goal: Process:	Discuss Other Items BCT Members Discuss other items ✓ Identify other items ▪ BCT to identify other items for discussion ▪ BCT Discussion/question and answer ▪ LRA Check-in/question and answer ▪ Update and identify action items

AGENDA
NAVAL STATION TREASURE ISLAND
BRAC CLEANUP TEAM / REMEDIAL PROJECT MANAGERS MEETING

- 11:40 – 12:00 Item: **IX. Action Item Review / Other Meetings / Future BCT Agenda Items**
- Opening: James Sullivan
- Goal: Review action items, agree on agenda items for the next RPM/BCT meeting, and review scheduled upcoming meetings
- Process:
- ✓ Review action items
 - ✓ Review scheduled upcoming meetings
 - ✓ BCT to identify future agenda items
-
- BCT to identify other items for discussion
 - BCT Discussion/question and answer
 - LRA Check-in/question and answer
 - Update and identify action items

Future BCT / RPM Meetings:

September 7, 2011, Tetra Tech EM Inc., Oakland, California
October 5, 2011, Tetra Tech EM Inc., Oakland, California
November 2, Tetra Tech EM Inc., Oakland, California
December 7, 2011, Tetra Tech EM Inc., Oakland, California

Navy Funding/Project Priority Update for BCT Naval Station Treasure Island

(FY11 Funds – 1 Oct 2010 to 30 Sept 2011)

August 3, 2011

FY11 Funding Priority List:

1. Additional Site 31/33 radiological field work effort (awarded)



Naval Station Treasure Island Site 12

August 3, 2011 BCT Meeting



Site Documents

Site 12 Characterization and Final Status Survey Plan:

- On hold pending review of overall remediation strategy

Buildings 1123, 1319, & 1321 Demolition Work Instruction:

- Shaw submitted the Work Instruction to the Navy for review on 14 July. The Agencies will receive the Draft document for review August 2011.



Site 12 Steps Forward



- Shaw was not granted a reciprocity extension by the State as of July 12th. To facilitate continuation of fieldwork Shaw has partnered with a licensed subcontractor. Philotechnics has taken over the controls of the radiological site at TI.
- Shaw continues to seek a State license but will subcontract until the license has been granted.
- The weekly Public Health and Safety controls of the fence lines is continuing. This include dose rate surveys as well as fence repairs and visual inspections.

3



Bigelow Court Look Ahead



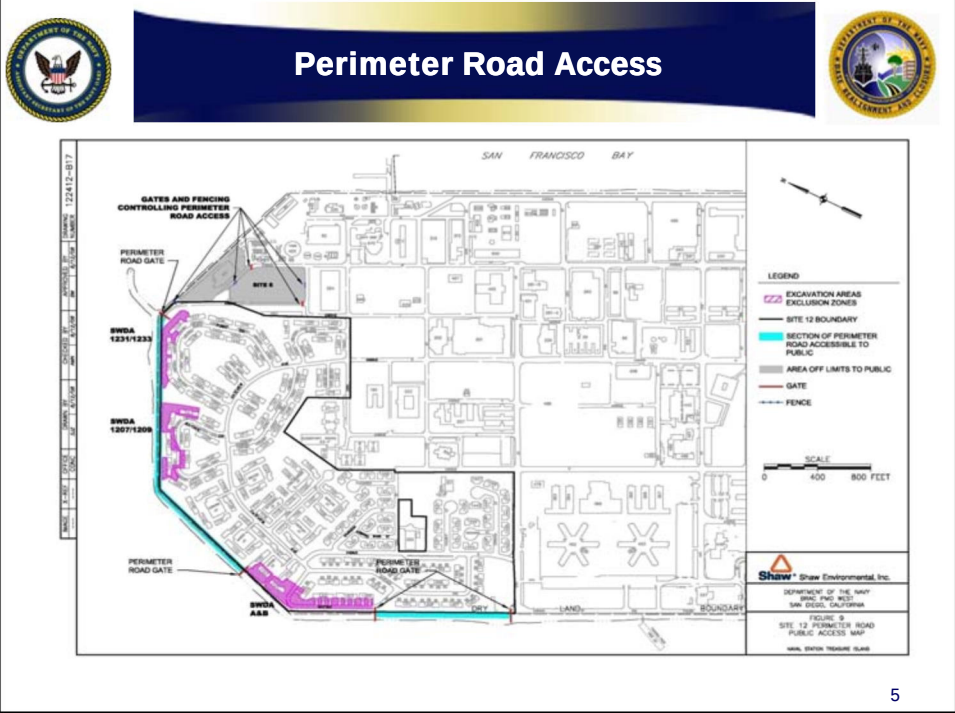
Work Plan:

- The Internal Draft Work Plan is currently in Navy review.

Field Mobilization:

- Field activities are expected to start early fall 2011.

4





Field Efforts Building 233

**August 3, 2011 BCT
Meeting**



Building 233

- **Shaw prepared and submitted (June 13, 2011) a debris disposal summary package to CDPH, which summarizes post remediation, radiological characterization of the building 233 debris for the State's review. The Navy is awaiting comments from the State.**
- **Shaw revised the Building 233 Work Plan for Characterization, Remediation, and Final Status Survey activities to address State comments and reorganize the document to include Characterization and Remediation Phases before completing the Final Status Survey. This document was submitted to the BRAC/RASO on the 15th of July. Will be distributed draft to the agencies August 2011.**



Footprint of Building 233





Naval Station Treasure Island Field Activities

August 3, 2011 BCT Meeting



Groundwater Monitoring at Sites 21, 24, and 32



- **Second quarter groundwater monitoring activities were completed on the 14th of July.**
- **Thirty five (35) wells will be sampled at Site 21. Fifty two (52) wells will be sampled at Site 24. Two (2) wells will be sampled at Site 32.**
- **The Third quarter sampling event will start in Late September/Early October.**
- **Results of the second Quarter sampling will be distributed to the BCT when all the results have been received.**



Site 24 Treatability Study



Phase 2 Treatability Report

- Draft document was sent to the agencies for review July 25, 2011

Phase 3 Work Plan

- The Draft Work Plans was sent to the agencies on June 7, 2011.
- Phase 3 work will address residual contamination along southern site boundary

3



Sites 21 and 24 Soil Gas Sampling



Sites 21 & 24

To address BCT comments regarding soil gas at the sites, the Navy will conduct Soil Gas sampling activities at Sites 21 and 24. Twenty six (26) locations at Site 21 and eight (8) locations at Site 24 are currently will be sampled

Site specific soil gas screening levels are under development for Site 21

Shaw submitted the Internal Draft Addendum to the Navy for review on June 13th. The Draft Plans will be submitted to the agencies August 2011.

4



Site 31 and 33 Steps Forward



- **Internal Draft Removal Action Work Plans were modified to include additional radiological characterization of planned excavations and the existing Site 31 stockpile. The Work Plans will be sent back to the Navy for review on August 4, 2011.**

5



Site 33 Explanation of Significant Differences



Final ESD was signed and distributed May 30th.

Public notice was placed in the SF Chronicle on August 1, 2011.

6



Moving Forward on IR Site 21



Site specific soil gas screening levels are in development and will be finished in August. IR Site 21 is part of the initial conveyance that is set for April 2012. In order to meet the closing conditions by this date, the Navy must move forward with the proposed plan and the ROD at Site 21.

SITE 21 SOIL GAS INFORMATION

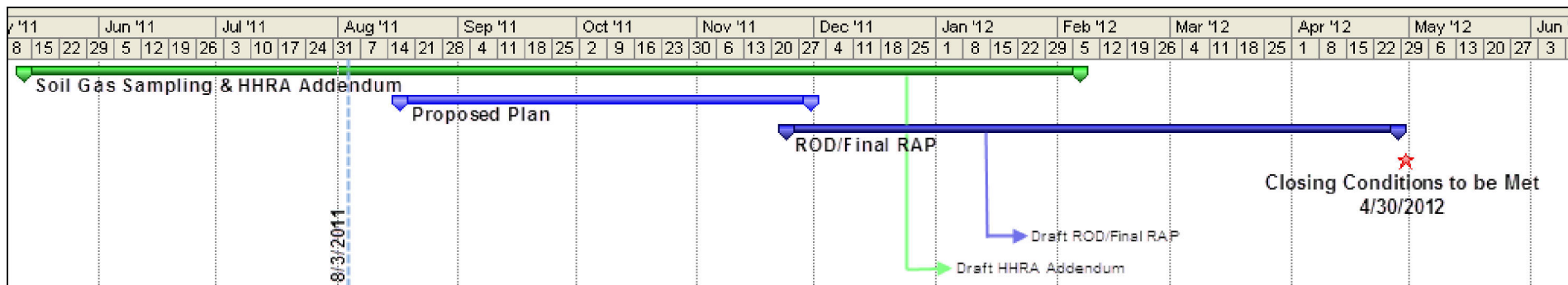
Comparison of Current Soil Gas Data to Values used in the Site 21 HHRA in 2007

	Maximum Soil Gas Detection	C _{source}	CHHSL
Tetrachloroethene	13,000 µg/m ³	68,800 µg/m ³	180 µg/m ³
Trichloroethene	2,300 µg/m ³	91,500 µg/m ³	528 µg/m ³
Vinyl Chloride	<70 µg/m ³	35,600 µg/m ³	13.3 µg/m ³

* VOCs listed are those that exceed the CHHSL

- Maximum Soil Gas Detection is from Preliminary Soil Gas Sample Results taken on 11/17, 11/18 and 12/15.
- C_{source} is from the Site 21 Remedial Investigation Human Health Risk Assessment that used groundwater concentrations to find C_{source} via Henry's Law.
- CHHSL denotes California Human Health Screening Levels, provided as Comparison Criteria with the Preliminary Soil Gas Sample Results.

SITE 21 SCHEDULE



**Naval Station Treasure Island
Environmental Cleanup Program
Document Tracking Sheet
August 2011 - January 2012**

			INTERNAL DRAFT				DRAFT							RTC			INTERNAL FINAL			FINAL							
Item	Document Title & Information	CTO/DO	Internal Draft Due to Navy	Navy Comments Due	Draft to Agencies	Agency Comments						Priority Level	Preliminary RTCs to Agencies	Resolve and Concur on RTCs	Internal Final to Navy	Navy Comments Due	Final to Agencies	Comments									
						Date Due	DTSC	WATER BOARD	EPA	TIDA	RAB								OTHER								
Shaw Group																											
	Site 32 Post Construction Summary Report for PCBs in Soil RPM: Danielle Janda PM: Pete Bourgeois	FZN1	05/11/10, 10/31/10	✓	02/21/11	✓	03/21/11	✓	04/20/11	✓		✓		✓			05/18/11	✓	06/22/11	✓	06/24/11	✓	07/05/11	✓	07/13/11	✓	DTSC (4/13), EPA (4/13), WB (4/15), RAB (4/25), TIDA (4/29)
1	Building 233 Characterization, Remediation and Final Status Survey Work Plan RPM: Anthony Konzen PM: Pete Bourgeois	O10	08/31/10, 09/30/10, 10/11/10, 03/11/11, 07/14/11	✓ ✓ ✓ ✓ ✓	11/25/10, 03/04/11, 03/16/11, 08/12/11	✓ ✓ ✓ ✓ ✓	08/26/11		09/23/11								10/05/11		10/12/11		10/19/11		10/26/11		11/02/11		
2	Site 24 Treatability Study Report (Phase II) RPM: Danielle Janda PM: Pete Bourgeois	FZN1	04/19/11	✓	05/04/11	✓	07/28/11	✓	08/29/11								09/17/11		10/01/11		10/15/11		10/22/11		10/29/11		Finalizing comments with Navy Technical and RPM.
3	Site 12 Characterization, Remediation and Final Status Survey Work Plan RPM: Anthony Konzen PM: Pete Bourgeois	O10	08/11/10, 10/27/10, 03/18/11	✓ ✓ ✓	TBD		TBD		TBD								TBD		TBD		TBD		TBD		TBD		Draft delayed pending site strategy discussion.
4	Sites 31/33 Remedial Action Work Plan (RAWP) RPM: Lora Battaglia PM: Pete Bourgeois	FZN9	10/15/10, 11/22/10, 01/10/11, 08/19/11	✓ ✓ ✓ ✓	10/29/10, 11/10/10, 09/02/11	✓ ✓ ✓	09/23/11		10/21/11								11/04/11		11/11/11		11/18/11		11/28/11		12/05/11		Rewriting RPP per MARSSIM guidelines; schedule will be accelerated when possible.
5	Site 12 Bigelow Court NTCRA Work Plan RPM: Anthony Konzen PM: Pete Bourgeois	FZN9	11/22/10, 12/23/10, 01/24/11	✓ ✓ ✓	12/14/10, 04/30/11, 08/01/11	✓ ✓ ✓	09/02/11		09/30/11								10/17/11		10/28/11		11/11/11		11/18/11		11/30/11		Final date dependent on comment durations
6	Site 24 Treatability Study Work Plan (Phase III) RPM: Danielle Janda PM: Pete Bourgeois	FZN1	03/23/11	✓	04/07/11	✓	06/06/11	✓	07/27/11	✓	✓	X	✓				08/17/11		08/31/11		09/07/11		09/14/11		09/21/11		EPA (6/16), WB (7/13), TIDA (7/27), DTSC
7	Sites 21/24 Soil Gas Investigation Work Plan RPM: Danielle Janda PM: Pete Bourgeois	:	06/13/11	✓	07/07/11	✓	08/19/11		09/09/11								09/22/11		09/29/11		10/06/11		10/13/11		10/20/11		Schedule will be accelerated when possible.
Tetra Tech EM Inc.																											
8	Site 24 PP/RAP RPM: Danielle Janda PM: Jean Michaels	FZND	01/28/11	✓	TBD		TBD		TBD								TBD		TBD		TBD		TBD		TBD		On hold pending results of Phase III treatability study.
9	Finding of Suitability to Transfer (FOST) 3 RPM: David Clark PM: Marcie Rash	O01	08/09/10	✓	09/02/10	✓	09/28/10	✓	11/03/10	✓	✓	✓	✓				12/08/10	✓	01/05/11	✓	01/21/11	✓	02/02/11	✓	TBD		DTSC (10/26), EPA (11/1), WB (11/8), TIDA (11/2). Final document on hold pending discussions with the State.
	Island Times Newsletter #17 RPM: Jim Sullivan PM: Marcie Rash	O01	08/31/10	✓	04/05/11	✓	04/12/11	✓	04/26/11	✓	X	✓	✓				NA		NA		05/14/11	✓	07/09/11	✓	07/20/11	✓	DTSC (4/25), EPA (4/26), TIDA (4/29)

**Naval Station Treasure Island
Environmental Cleanup Program
Document Tracking Sheet
August 2011 - January 2012**

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							Date Due	DTSC	WATER BOARD	EPA	TIDA	RAB							OTHER								
Tetra Tech EM Inc. (Continued)																											
10	FOST Addendum (to 2006 TI/YBI documents)		001	04/22/11	✓	TBD	TBD	TBD							TBD		TBD		TBD	TBD	On hold pending discussions with State.						
	RPM: David Clark																										
	PM: Marcie Rash																										
11	2011 Site Management Plan (SMP)		001	03/24/11	✓	04/15/11	✓	04/27/11	✓	05/27/11	✓	X	X	✓			09/16/11		09/30/11	09/23/11	10/07/11	10/21/11	DTSC (5/3), TIDA (5/26), EPA (6/2)				
	RPM: David Clark																										
	PM: Marcie Rash																										
12	Site 32 PP/RAP		489	05/02/11	✓	05/16/11	✓	06/13/11	✓	07/11/11	✓	✓	X	✓			07/30/11	✓	08/12/11	08/19/11	08/26/11	09/02/11	DTSC (7/6, 7/14), WB (7/11), TIDA (7/13)				
	RPM: Danielle Janda																										
	PM: Jean Michaels																										
13	Island Times Newsletter #18		001	10/13/11		10/27/11	11/06/11	11/20/11							11/30/11		NA		11/30/11	12/07/11	12/14/11						
	RPM: Jim Sullivan																										
	PM: Marcie Rash																										
Chadux Tetra Tech																											
14	Site 12 RI Report		049	03/02/11	✓	04/01/11	✓	06/10/11	✓	08/19/11							09/16/11		TBD		10/16/11		10/26/11		11/09/11		
	RPM: Anthony Konzen																										
	PM: Marcie Rash																										
15	Site 21 PP/RAP		083	04/09/10* 05/20/10**	✓ ✓	05/09/10* 11/12/10**	✓ ✓	12/16/10	✓	01/15/11	✓	✓	✓	✓			08/17/11		08/30/11	09/06/11	09/13/11	09/14/11	WB (12/28), TIDA/TICD (1/14), DTSC (1/14), RAB (1/16)				
	RPM: Danielle Janda																										
	PM: Jean Michaels																										
16	Site 27 ROD/RAP		084	08/08/11* 09/21/11**		09/06/11* 10/21/11**		11/04/11	12/04/11							01/01/12		TBD	01/31/12	02/10/12	02/24/12	* Navy technical review ** Navy legal review					
	RPM: Lora Battaglia																										
	PM: Katie Henry																										
17	Well Decommissioning Letter Report		044	08/10/11		08/24/11	NA	NA								NA		NA	NA	NA	NA	09/20/11					
	RPM: Tony Konzen																										
	PM: Yohji Ono																										
Trevet																											
18	2010 Sites 6 & 12 Annual Groundwater Report		9002	02/23/11	✓	04/08/11	✓	05/11/11	✓	06/21/11	✓	✓	X	✓			08/04/11		TBD		08/08/11	08/15/11	08/22/11	EPA (6/2), DTSC (6/20), TIDA (7/5), WB (7/13)			
	RPM: Tony Konzen																										
	PM: Greg Alyanakian																										
ERRG																											
19	Site 6 RI/FS Report		:	08/31/11		10/01/11	10/15/11	11/14/11									12/12/11		TBD	01/11/12	01/21/12	02/04/12					
	RPM: Tony Konzen																										
	PM: Phil Skorge																										
CH2M Hill and Kleinfelder																											
20	YF3 Add'l Soil/Groundwater Sampling Work Plan		X027	07/26/11		08/25/11	10/07/11	11/06/11									11/20/11		12/04/11	12/09/11	12/13/11	12/16/11					
	RPM: Danielle Janda																										
	PM: Eric Johansen																										

**Naval Station Treasure Island
Environmental Cleanup Program
Document Tracking Sheet
August 2011 - January 2012**

			INTERNAL DRAFT		DRAFT							RTC		INTERNAL FINAL		FINAL		
Item	Document Title & Information	CTO/DO	Internal Draft Due to Navy	Navy Comments Due	Draft to Agencies	Agency Comments						Priority Level	Preliminary RTCs to Agencies	Resolve and Concur on RTCs	Internal Final to Navy	Navy Comments Due	Final to Agencies	Comments
						Date Due	DTSC	WATER BOARD	EPA	TIDA	RAB							

✓ Production or review of document is complete.

X Received notification of no comments or comments deferred to other agency.

Grey shading indicates the document is finalized.

Blue shading indicates agency review comments are due within the next 30 days or are outstanding.

Yellow shading indicates documents that will be issued draft or final within the next 30 days.

Abbreviations:

Bldg = Building

CTO/DO = Contract task order/delivery order

DTSC = Department of Toxic Substances Control

EPA = U.S. Environmental Protection Agency

FS = Feasibility study

LUC = Land use covenant

NA = Not applicable

PCB = Polychlorinated biphenyls

PM = Project manager

PP = Proposed plan

RAP = Remedial action plan

RASO = Radiological Affairs Support Office

RI = Remedial investigation

ROD = Record of decision

RPM = Remedial project manager

SAP = Sampling and analysis plan

TBD = To be determined

TICD = Treasure Island Community Developers

TIDA = Treasure Island Development Authority

Water Board (WB) = Regional Water Quality Control Board

**Naval Station Treasure Island
Navy Field Schedule
August 2011 - January 2012**

Item	Activity & Investigation Area	DTS #	Field Dates		Navy RPM	CTO/DO	Project Manager	Field Team Lead	Complete
Shaw									
1	Non-Time Critical Removal Action Site 12	Doc NA	Start: Finish:	02/26/07 TBD	Tony Konzen (619) 532-0924	010	Tony Searls (509) 735-9736	Pete Bourgeois (415) 277-6983	
2	Site 31 Remedial Action Site 31	Doc 5	Start: Finish:	TBD TBD	Lora Battaglia (619) 532-0968	FZN9	Pete Bourgeois (415) 277-6983	Pete Bourgeois (415) 277-6983	
3	Building 233 Debris Screening / Final Status Survey Building 233	Doc 2	Start: Finish:	07/26/10 TBD	Tony Konzen (619) 532-0924	010	Tony Searls (509) 735-9736	Pete Bourgeois (415) 277-6983	
Trevet									
4	Site 6 3rd Quarter Groundwater Sampling Site 6	Doc NA	Start: Finish:	09/08/11 09/09/11	Tony Konzen (619) 532-0924	:	Matt Fuller (858) 578-8859	Matt Fuller (858) 578-8859	
5	Site 6 4th Quarter and Site 12 Semi-Annual Groundwater Sampling Sites 6 and 12	Doc NA	Start: Finish:	12/12/11 12/16/11	Tony Konzen (619) 532-0924	:	Matt Fuller (858) 578-8859	Matt Fuller (858) 578-8859	

Abbreviations:

CTO/DO Contract task order/delivery order
DTS # The number listed corresponds to the associated documentation listed on the Document Tracking Sheet.
NA Not applicable, there is no associated documentation listed on the DTS.
RPM Remedial project manager
TBD To be determined

✓ Field work is complete.

Yellow shading indicates field activities that will start or finish within the next 30 days.

Grey shading indicates field activities are complete.

Draft to RAB and BCT 08.03.11
NAVAL STATION TREASURE ISLAND
ENVIRONMENTAL RESTORATION ADVISORY BOARD MEETING
Tuesday, 16 August 2011
7:00 PM.
Casa de la Vista Building 271
Treasure Island
MEETING NO. 155

- 6:00 – 7:00 **Optional Site Tour** (meet at Casa de la Vista)
- 7:00 – 7:05 **Welcome Remarks and Introductions**
Lead: James Sullivan, Navy Co-Chair
- 7:05 – 7:10 **Public Comment and Announcements**
Lead: James Sullivan, Navy Co-Chair
- 7:10 – 7:15 **Treasure Island/Yerba Buena Island Property Transfer Update**
Lead: James Sullivan, Navy Co-Chair
- 7:15 – 7:25 **Field Activities and Access Update**
Lead: Pete Bourgeois, Shaw E & I
- 7:25 – 7:35 **Site 12 Draft Remedial Investigation (RI) Report Review Discussion**
(*comments due 8/19/11*)
Lead:
- 7:35 – 7:45 **Site 21 Draft Soil Gas Investigation Work Plan**
Lead:
- 7:45 – 7:55 **Site 24 Phase II Draft Treatability Study Report**
Lead:
- 7:55 – 8:05 **Upcoming Documents and Field Schedule**
Lead: Jessica Beck, Tetra Tech EMI
- 8:05 – 8:10 **RAB Meeting Minutes**
Lead: James Sullivan, Navy Co-Chair
- 8:10 – 8:15 **Co-Chair Announcements**
Lead: Alice Pilram, Community Co-Chair
- 8:15 – 8:20 **BRAC Cleanup Team Update**
Lead: James Sullivan, Navy Co-Chair
- 8:20 – 8:25 **Other Public Comment and Announcements**
Lead: James Sullivan, Navy Co-Chair

8:25 – 8:30 **Future Meeting Agenda Items**
Lead: Navy and Community Co-Chairs

8:30 **Closing Remarks/End of Meeting**
Break/Informal Discussion for 30 minutes after the meeting
This is an opportunity to informally discuss issues

Next Regular Meetings: No September 2011 Meeting

7:00 pm Tuesday, 18 October 2011
Casa de la Vista, Treasure Island

No November 2011 Meeting

7:00 pm Tuesday, 20 December 2011
Casa de la Vista, Treasure Island

Next Treasure Island Citizen's Advisory Board (CAB): See the web site for latest dates and times for future meetings: <http://www.sfgov.org/treasureisland>

Next Interim RAB Community Member Conference Call: **(Last Tuesday of pre-RAB month)**

Tuesday, 27 September 2011, 7:00 pm.

Call-In Number: 1- 866-822-0121

Participant Code: 1122026

(Note: This same number will be used for future conference calls)

Next BCT/RPM/Project Team Meeting: 10:00 am. Wednesday 7 September 2011, Tetra Tech EMI, San Diego

Navy BRAC Web Site: <http://www.bracpmo.navy.mil> (click on map for Treasure Island)

Navy San Diego Office Address:
JAMES B. SULLIVAN
DEPARTMENT OF THE NAVY
BASE REALIGNMENT AND CLOSURE
PROGRAM MANAGEMENT OFFICE WEST
1455 FRAZEE ROAD, SUITE 900
SAN DIEGO, CA 92108-4310

NAVSTA TI Community Relations Activities/Items

Activity/Item			Schedule	Status
1	General Environmental Fact Sheet Volume 6		Wednesday, August 31, 2011	In progress
		Will be posted on the Navy's website and made available at public meetings	Submitting to BCT for review 8/3/11	
2	Site 21 Proposed Plan/Draft Remedial Action Plan		September 2011	Tentative
		Final document will be mailed to the full community mailing list, public meeting will be held, and document availability and public meeting will be announced in the newspaper	See Document Tracking Sheet for full schedule	
3	Site 32 Proposed Plan/Draft Remedial Action Plan		September 2011	In progress
		Final document will be mailed to the full community mailing list, public meeting will be held, and document availability and public meeting will be announced in the newspaper	See Document Tracking Sheet for full schedule	
4	Island Times No. 18 Winter 2011/2012 Newsletter		December 2011	
		General topics of interest including current projects and highlights of accomplishments. Looking for a team member to be the profilee for this edition!		
	Remaining RAB Meetings in 2011:			
	155	Tuesday, August 16, 2011 (Pre-RAB tour)		
	156	Tuesday, October 18, 2011		
	157	Tuesday, December 20, 2011		

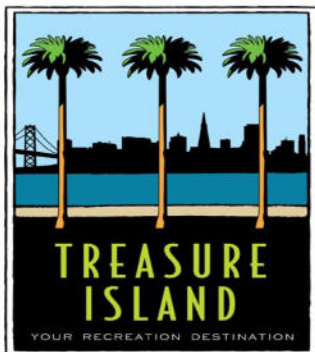
TREASURE ISLAND BCT ACTION ITEMS
August 3, 2011

Item	Action Item	Lead	Due Date	Revised Due Date	Completed	Comments
TRANSFER / SITEWIDE						
	Navy to confirm the publishing date of the Site 33 ESD in the San Francisco Chronicle to the BCT.	Navy <i>Lora Battaglia</i>	07/07/11		08/01/11	As requested at the June 2011 BCT meeting. The notice is scheduled to run in the <i>San Francisco Chronicle</i> on Monday, August 1, 2011.
1	Navy to clarify the FOST 4 scope and schedule.	Navy <i>Dave Clark</i>	04/06/11	TBD		As requested at the March 2011 BCT meeting.
2	Navy to provide an update on the status of the discussion between the Navy and State counsel, as well as the City of San Francisco and the developer regarding the LUCs.	Navy <i>Jim Sullivan</i>	07/07/11	TBD		As requested at the June 2011 BCT meeting.
RADIOLOGICAL						
	Navy to resolve technical issues of the portal with CDPH and Mr. Taibi will provide Mr. Sullivan his link to the portal.	Navy <i>Jim Sullivan</i>	06/01/11		06/21/11	As requested at the June 2011 BCT meeting.
	Shaw will confirm Ms. Sunga received a copy of the Building 233 data package.	Shaw <i>Pete Bourgeois</i>	08/03/11		07/07/11	As requested at the July 2011 BCT meeting.
	Navy will follow up with Shaw to obtain letter from sent by the Nuclear Regulatory Commission.	Navy <i>Jim Sullivan</i>	07/08/11		07/07/11	As requested at the July 2011 BCT meeting.
3	Navy to schedule a technical meeting with CDPH regarding the thorium results.	Navy <i>Jim Sullivan</i>	06/01/11	TBD		As requested at the June 2011 BCT meeting.
4	Mr. Forrer to provide a figure of the scans performed by CDPH.	CDPH <i>Gene Forrer</i>	06/01/11	08/03/11		As requested at the June 2011 BCT meeting.
5	Mr. Forrer will follow up with Mr. Lavelly and Mr. Prendergast regarding the review of the Building 233 data package.	CDPH <i>Gene Forrer</i>	08/03/11			As requested at the July 2011 BCT meeting.
MISCELLANEOUS						
6	Navy will distribute the updated contact list to the BCT.	Navy <i>Jim Sullivan</i>	08/03/11			As requested at the July 2011 BCT meeting.

Notes:

BCT Base Realignment and Closure Cleanup Team
 CDPH California Department of Public Health
 DTSC Department of Toxic Substances Control
 ESD Explanation of significant differences

FOST Finding of Suitability to Transfer
 LUC Land use covenant
 RTC Response to comments
 TBD To be determined



Volume 3, Issue 8
August, 2011

NEWS

This newsletter was prepared
By Good Neighbors of Treasure
Island and Yerba Buena Island
under consultation with:
Treasure Island Development Authority;
and Mirian Saez,
Director of Island Operations

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TREASURE ISLAND NEWS

DEADLINES & CONDITIONS

- All submissions of articles, announcements, and calendar items must be submitted by the 10th of the month prior to publication for consideration. Email

Good_Neighbors@comcast.net

- The editorial board reserves final rights for inclusion and exclusion.
- Acceptable formats are text submitted in Microsoft Word, PowerPoint, Publisher, JPEG or PDF.
- We encourage positive ideas, solutions and creative problem-solving for our communal challenges; we choose to build community rather than find blame.

THIRD ANNUAL NATIONAL NIGHT OUT ON TREASURE ISLAND



National Night Out is a unique community event celebrated across the United States and Canada that happens the first Tuesday in August every year. On this day, parties, gatherings, and get-togethers happen throughout San Francisco. The focus of these events is on preventing crime and drug activity by getting to know the people on your block and in your neighborhood.

When: Tuesday, August 2nd
Time: 6 pm–8 pm
Where: Mariner and Gateview

Free food, games, raffle, police horse and canine, skits, information, face painting and more. Come out to strengthen our community and meet your neighbors and local law enforcement!

Sponsored by:

SFPD, SFFD, TIDA, TIHDI Catholic Charities, Good Neighbors, YMCA, Boys and Girls Club, Community Housing Partnership, JSCO, SFSAFE.

OUR CANINE COMPANIONS



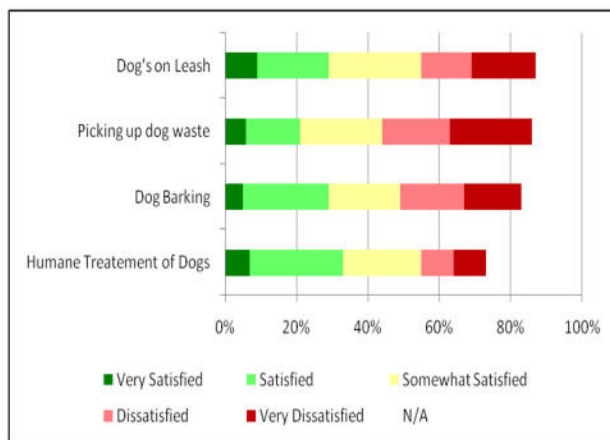
Dogs are a part of many people's lives on the Islands. Some of us love them, some are afraid of them, and some dislike them.

In the quality of life survey Good Neighbors conducted last year, most respondents are satisfied with the humane treatment of dogs on the island. But there is concern about owners picking up dog waste, barking, and dogs being off-leash.

Not mentioned in the survey is that by law, dogs must be registered. Yet we only have around 50 registered in the 94130 zip code.

We all like to think we are responsible dog owners, and that our dogs are well behaved and will be welcomed everywhere. But many of us can probably do more to help our dogs fit into the community and have happier, safer lives. Being a good dog owner means caring for and training the dog. It starts with providing food, water, and shelter. but it also includes giving our dogs the exercise, socialization, and instruction they need to be good canine citizens.

As dog owners, it's our job to ensure that our dogs are not a nuisance to others. We need to recognize that some people don't like dogs or are actually afraid of them. We have to teach our dogs basic obedience and make sure they are supervised and well behaved in public places.



Continued on page 4

August 2011

Sun

Mon

Tue

Wed

Thu

Fri

Sat

	1	2	3	4	5	6  See page 8
7  See page 8	8	9 Special TIDA Board Meeting 9:30	10	11	12	13
14	15	16 Navy RAB Meeting	17 Southern District Police Meeting	18	19	20
21	22	23	24	25	26	27 TI Flea Market 8-4
28 TI Flea Market 8-4	29	30	31 Deadline for YMCA Art Contest (see page 4)			

The **(TIDA)** Board of Directors meets on the second Wednesday of every month at 1:30 PM at San Francisco City Hall, Room 400.

Treasure Island/Yerba Buena Island Citizen Advisory Board **(CAB)** Meetings are on the first Tuesday of each month 6:00 PM - 8:00 PM. Meeting locations vary. Check the agenda posted on www.SFTreasureIsland.org **(These meetings are on hold)**

The **Community meeting** is the third Wednesday of every other month (*every even numbered month*), 6:30 PM at Shipshape

The **Navy RAB meeting** is the third Tuesday of every other month (*every even numbered month*), 7 PM at the Casa de la Vista.

Southern (SFPD) Station's community meeting is held on the third Wednesday of each month. Locations vary each month. For information about the meeting locations, or to subscribe to my newsletter, please send an e-mail to sfpdsouthernstation@sfgov.org. All are encouraged attend!



FREE HOME AUDITS—GREEN YOUR HOME

We are introducing Lori Higa, who has been certified by the City of San Francisco's Dept. of the Environment to be a Green Home Auditor. That means she is qualified to:

- Do FREE home audits
- Help you green your home
- Give you information on lowering your utility bills
- Give tips on weatherizing and earthquake-proofing your home
- Help you prepare for disasters and emergencies
- Help you receive rebates (up to \$7,000!)
- Help you save money

This is a FREE service for all residents of San Francisco – renters & homeowners! It also includes for a limited time: a FREE, new energy-efficient refrigerator and FREE low-flow toilets. Installation of the toilets is the responsibility of the resident.

Plus it takes less than an hour! She will come to your home, at a time convenient for you, and quickly assess the energy-efficiency of your appliances, toilets, water faucets, heaters, weather- and earthquake proofing, give you tips to save energy and money on your utility bills and leave behind free gifts to help you green your home.

Lori has made several presentations on Treasure Island and has conducted in home consults which were well received!

This program is being offered by the nonprofit agency SF Community Power in partnership with the City of San Francisco's Dept. of the Environment. It's all part of its 2011 green home initiative, funded by the American Recovery & Reinvestment ACT (ARRA).

Please feel free to contact Lori today at 415-626-4959 or email lorihiga@gmail.com to schedule an appointment!

BRIDGE NEWS—SAS TAKES SHAPE: NEW CATWALK DEFINES FUTURE PROFILE

SAS CATWALKS

The bright orange catwalks for the Self-Anchored Suspension Span's main cable caught more than a few eyes as crews began to place them in mid-June. The catwalks will allow crews to work on the single main cable during the various stages of cable installation, which is scheduled to begin later this year.

The catwalk floor is made of a 12-foot-wide wire mesh panel and is placed approximately 4 feet below the main cable. Once the catwalks are installed, crews will begin erecting the nearly 1-mile-long cable, which is made up of 17,399 steel wire strands. The two catwalks on the west side of the tower are 600 feet long and start at a 24 degree angle near the deck and gradually reach a 35 degree angle closer to the tower; at that angle, it's going to take nerves of steel to help put that steel cable in place.

PROGRESS ON THE SAS DECKS CONTINUES

as the twelfth east- and westbound sections were placed in late June; eastbound weighs 1,165 tons and westbound weighs 1,175 tons. The final four sections (two for each the west- and eastbound decks) will arrive later this summer.

JOIN US AT THE SAN FRANCISCO GIANTS' ANNUAL FAMILY SAFETY FESTIVAL

from 4:30 to 7 p.m. on Friday, July 22 at O'Doul Plaza just outside of AT&T Park. Stop by our booth to learn how we are building this world-class bridge and then see the World Series Champion Giants take on the Milwaukee Brewers.

What makes a good dog owner?

At the July meeting attendees were asked "What makes a good dog owner?" Participants indicated that a good dog owner:

- Cleans up after their dog
- Walks the dog, on leash
- Trains the dog
- Keeps dog inside at night
- Knows their dog's temperament
- Cares about their dog; Notices when things are wrong and does something about it
- If dog is kept outside, provides shelter from rain and heat
- Gives the dog attention, interacts and plays with the dog
- Reports dogs that do not have shots
- Doesn't let children walk the dog – especially if the dog is heavier or stronger than the child
- Registers the dog; puts phone number on the tag; chips the dog!

- Share the trail. Ensure your dog is within recall range at all times and do not allow it to block the trail or bother other users. Even if your dog is on leash, do not allow it to lunge at people or other dogs, or to bark at other trail users.
- If you sense a person might be afraid of dogs, step to the edge of the trail, have your dog sit quietly and allow the person to continue walking.

At the July meeting we asked the question, "What can we do to help residents be better dog owners?" Many good ideas were discussed, including informational campaigns, networking with agencies to provide low cost or free spaying and neutering, registration etc. In the end, it was decided to create the "Treasure Island Kennel Club" to help improve the quality of life for dogs on the Island, to encourage good dog ownership, and to have fun with our beloved pets.



Interested in creating the Treasure Island Kennel Club?

Write to TIKC@comcast.net or call (415) 677-4182

San Francisco Laws—Provided by Animal Care and Control

It is the law that dogs residing in SF must be licensed. They get this by having a current rabies vaccination and paying a fee. Service animals also must be licensed by law. They can't get the service tag from us without a license.

Dogs do not have to be fixed before they are licensed. But by law - any pit bull, or pit bull mix, residing in San Francisco must be spayed or neutered. All other breeds of dogs can be intact or altered BUT – the license fees for dogs that are altered (spayed or neutered) is much cheaper.

Some Recommendations for being a good dog owner

(adapted from "Good Dogs, Good Owners" from www.citizencanine.org)

- Do not allow your dog off-leash until you are certain it has a reliable recall. This means your dog must return to you quickly and directly when you call or whistle.
- Be aware not all dogs enjoy meeting other dogs, and actively try to prevent problems. Do not allow your dog to approach another dog without first checking with that dog's owner.
- Supervise your dog and don't allow it to intimidate other dogs or steal their playthings. Intervene if play becomes too rough. If your dog is aggressive or pushy, keep it on a leash.
- Don't let your dog chase wildlife. If you cannot keep your dog close to you, use a leash.

YMCA ART CONTEST

Calling all artists! This is your chance to give back to your local YMCA. We have identified two areas of the gym in need of a creative spirit. This is a great opportunity to show case your talent, and give back to your community at the same time. Each mural will be 38" by 74" and will be located in the weight room.

Theme

The YMCA has four core values of Honesty Respect and Responsibility. We are looking to exemplify those character values through two murals in the weight room. The tone of the message should be determined, nurturing, genuine, hopeful and welcoming.

Submissions

All interested artist should submit their design ideas to Megan Leonard no later than 6:00pm on August 31st. All submissions must not be larger than 8.5 by 11, electronic submissions are preferred. Submissions must reflect a fully developed color and design concept. The top four designs will be voted on by the community.



Please send to: Megan Leonard mleonard@ymcasf.org of 749 9th Street, SF, CA 94130

Winings

After completion of the mural each artist will receive a gift card, a promotional piece in the Embarcadero YMCA newsletter, and local Treasure Island Newsletter.



SUMMARY OF JULY GOOD NEIGHBORS MEETING

Presidents Report

By Emily Rapaport

Much has happened on the island over the past few months that the whole community can be proud of.

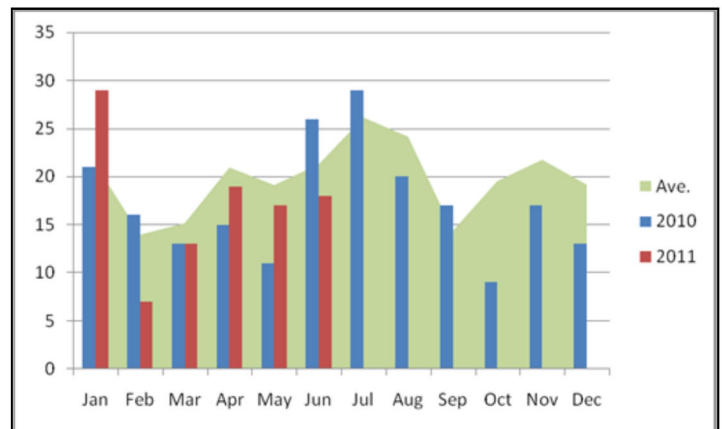
- During the past few months we have seen the installation of "Bliss Dance" – a beautiful sculpture on Ave. of the Palms, that has gained much positive attention for the Island.
- Treasure Island Flea, a professional flea market, opened on the Island on the last weekend of the month. It's free to residents, so be sure to check it out.
- We had our annual "Big 3" Island clean up, which gave residents the chance to do their spring cleaning.
- TI went greener with the distribution of Green bins on each street and household collecting receptacles.
- District 6 Supervisor Jane Kim came out to meet residents.
- The YMCA has offered a number of free activities and classes throughout the previous 4 months.
- The TI Bookmobile established a new location and time for service: Thursdays 1 PM to 7 PM located at the Child Development Center.
- TIDHI has offered a number of classes over the summer in personal finances, and computer training.
- We completed two NERT (Neighborhood Emergency Response Team) training for all Island residents so far this year. The trainings took place at Job Corps. Job Corps was recognized for the changes made to its program. They went from being rated number 96 out of 122 Job Corps Centers nation wide, to being rated the number one center in the country. We have happily noted that the problems associated with Job Corps students have dropped dramatically.
- We co-hosted a general community meeting where we provided Island Facilities Director Mirian Saez with some requests for budgeting items – of significance we were able to get a few streets repaved.
- I have met with Ms. Saez to discuss general concerns of the residents, attended a luncheon with the Police Chief, and represented our group at the Job Corps Community meeting.

- Most significantly though, the development plans for the former base have been signed into law. The next step will be the signing of the Memorandum of Understanding between the Navy and San Francisco. Sometime after that point, development will commence.
- We are planning several block parties in the residential area and are continuing to investigate the possibility of having outdoor movies on the Island

Crime and Safety Report - By Mark Connors

Good Neighbors has crime statistics for the Islands going back to May of 2006. Since 2007 we have seen a slow but steady drop in the average number of police reports generated for each year. We have gone from a high of 22.75/month to the current 17.17/month.

Looking at the chart, you can see the crime reports for this year (in red) are, with the exception of January, below that long term averages shown in green.



A number of factors have contributed to this improvement. Good Neighbors has engaged the community, the housing providers, the police, and TIDA to address crime related issues. All have responded positively and proactively when possible. Residents are more willing to report to the police, and we have a strong commitment from Captain Charlie Orkes of Southern Station to have more active enforcement on the islands. The Island community has demonstrated that when we work together in a cooperative manner we are more likely to have a positive outcome.

June, July, and August tend to generate the most number of reports, but so far the statistics are lower than the yearly average. Even with this good news, community members should keep an eye out for each other's safety and keep doors and windows locked – upstairs and down.

Finally, we experienced 14 burglaries in January. It was one of the highest numbers of reports for any month to date. I am happy to say that for the months of February through June we had an average of 1 burglary per month.

AN OUNCE OF PREVENTION...

Summer is here and with the increased heat and daylight hours the overall crime rate in San Francisco increases. Treasure Island is no exception! While our overall crime rate is below the rest of the city, we do experience elevated burglary rates during June and July. Help make this a safer summer by following these simple tips.

- Keep your doors and windows locked and your blinds drawn, even on the second floor.
- Get to know your neighbor -- keep an eye out for each others safety.
- Gifts and valuables should be kept out of sight and away from windows.
- When traveling, ask a neighbor to watch your house. If you have an alarm system, use it! Only tell people you know and trust when you plan to travel.
- Put timers on different lights throughout the interior and exterior of the house.
- Get to know your neighbors and become involved in your community! Contact "Good Neighbors" by visiting www.TreasureIslandSF.org or emailing Good_Neighbors@comcast.net

A Special Note to Parents and Guardians

With school out of session youth have a lot of free time on their hands. Help them have a fun and safe holiday.

-Encourage your child to participate in the Boys & Girls Club, the TI Sailing Center, the YMCA and other programs.

-Know your child's friends and what they are doing. Plan activities with other parents.

-Remind your children that bb or paint guns, fireworks, pocket bikes, or discharging fire extinguishers are dangerous and prohibited on the island.

Parents/Guardians are responsible for the action of their children and their guests .Don't risk your lease with a child's bad behavior.

Look out for your safety and that of your neighbors as well!

**To report a crime
always call the police first!**

For **Emergencies** or **crimes in progress** **dial 9-1-1**
(from a cell dial 415 553-8090)

For Non-Emergencies (415) 553-0123

ANSWERS TO QUESTIONS

The following questions were asked at the Good Neighbors meeting and these are TIDA's responses:

Hose Bibs at vacant units

Request: Removal or disconnect the hose bibs to the vacant units. Residents have observed individuals using the hose bibs to wash the cars, and other items.

Follow up: JSCO to place locks on hose bibs.

Green Bin Cleanup

Request: Residents would like to have the green bins hosed out from time to time.

Follow up: Rubicon will rinse/clean out bins on an as needed basis.

Power washing JSCO Fences

Request: Residents would like advance notice for when JSCO is going to power wash the fences.

Follow up: JSCO will send written notice to tenants for remaining fence washings.

Opt-out for pesticide spraying

Request: Residents want to know if they can opt out of Rubicon spraying pesticides from around their units. Some of them have organic gardens and feel that the pesticides can come through the fence and make their gardens, un-organic.

Follow up: JSCO to work with Rubicon to minimize the use of pesticides near residential units.

Bus stop garbage cans

Request: Residents would like garbage cans at the bus stops.

Follow up: TIDA will survey bus stops and replace missing garbage cans.

Dog waste disposal

Request: Residents would like more doggy bag dispensers in the residential area, and to have the existing one refilled more often.

Follow up: TIDA and JSCO will work with Rubicon to make sure existing dispensers are refilled regularly and Marianne Thompson will work with Good Neighbors to find 3 additional locations.

POCKET BIKE ALERT



Every summer and winter, residents on Treasure Island are disrupted by the sounds, smells and hazards of children riding pocket bikes and gas powered scooters.

Pocket bikes pose a risk to the youth that ride them, cars on the street, and shattering the peace in the neighborhoods, they are also illegal to ride in San Francisco and on Treasure Island. Riders are subject to being fined and their bike being impounded.



TI Book Mobile

The popular SF Public Library Treasure Island bookmobile will moving to a new location and time starting August 4th.

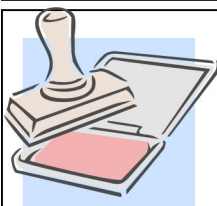
New Location: Parking Lot @ 850 Ave. D
(Treasure Island CDC)

New Time: Thursdays, 1pm-7pm

For additional information, please contact Mobile Outreach Services at 415-557-4346 or email mosmgr@sfpl.org.



San Francisco Public Library



Treasure Island Notary Public

Chad Miller
chadmnotary@gmail.com
(415) 837-8969



Is Your Back Yard Over Grown??

Need help in weeding and bagging your back yard?

Call Nora @ 415-933-5046 or
e-mail normasaldierna@yahoo.com



End of Summer Party

BOYS & GIRLS CLUB Parents and kids are invited to Join us for our club's

End of Sumer BBQ/Carnival

Wednesday, August 3rd

3-5 pm

Games, arts & crafts, Hula Hoop contest AND MORE! Plus a special meet and greet with Supervisor Jane Kim!

The club will reopen for the school year on Monday, August 14, 2011

Call 415-362-1383 for more info
301 12th Street and Ave. E.
ldesilva@kidsclub.org

Want to advertise here?

Affordable rates—Inquire by writing to
Good_Neighbors@comcast.net



Treasure Island Wines

The Original Treasure Island Winery and Tasting Room
Established 2007

Treasure Island Wines

The Original Winery & Tasting Room on Treasure Island
Est. 2007

& emphatically dog friendly...

PRESENTS:

2nd Annual Harvest Howl 2011
Saturday, August 6, 1pm-4pm



A Benefit for the SF SPCA



"Friendly dogs are encouraged to bring their well behaved humans"



Special 2 for 1 Tickets Available for Island residents
Until August 6
Use code Tik9

\$20 General Admission Ticket Price Includes:
*Wine and Cheese Tasting for those 21 and over
*K9 Obedience and Tricks workshops
K9 Massage by WellDog Bodywork
www.welldogbodywork

& MORE ANNOUNCED SOON!

Questions? Email lou@tiwines.com
www.tiwines.com

Cannot attend but would like to make a donation to SF SPCA?

Click Here: <http://www.sfspca.org/support/donate>



LOW COST INTERNET ACCESS

Getting connected to the internet can save you time and money. More services are being offer through the Internet as businesses and government agencies are adopting new ways via the Internet and eliminating the “traditional ways” of doing businesses to cut costs, becoming more efficient in how they operate.

Listed below are Internet service providers in the San Francisco Bay Area who are offering low or low introduction rates. The pricing listed are only samples for the month of May, 2011. Check with the provider for the latest rates. You may also be eligible for lower rates if you already are receiving services such as; cable television, cell phone, or land phone services from an Internet service providers.

Service Provider	Rates	Contact Information	Notes
AT&T	\$14.95 for the existing customers who have cell or land phone service with AT&T (see notes)	1 (800) 288-2020 Shopping and ordering att.com	Price good for the first 12 months, \$19.95 there after
AT&T	\$19.95 for new customers (see notes)	1 (800) 288-2020 Shopping and ordering att.com	Price good for the first 12 months, \$35 there after
Comcast	\$29.95 for the first 6 months, \$44.95 there after	1 (800) 266-2278 comcast.com	
Sonic.net	\$14.95 for the first 12 months, \$29.95 there after	1 (707) 547-3400 Sales and Customer Support sonic.net	
DSL Extreme	\$14.95 for 12 month contract	1 (866) 243-8638 Sales and Information dslxtreme.com	



VOYAGERS MAKE HISTORIC JOURNEY ACROSS THE PACIFIC OCEAN RAISE AWARENESS FOR

San Francisco, CA (July 19, 2011) - In April, 2011 seven traditional Polynesian ocean-going canoes (vakas) set sail across the Pacific Ocean on a historic expedition. The double-hulled vakas, crewed by a pan-Pacific network of Voyagers from Aotearoa (New Zealand), Cook Islands, Fiji, Samoa, Tahiti, Papua New Guinea, Solomon Islands, Kiribati, Vanuatu, and Tonga, will travel 15,000 nautical miles by celestial navigation propelled by the wind and sun, using solar electrified motors. This journey reconnects the crews with their ancestors and their environment, while raising awareness for the issues threatening our greatest ocean – the Pacific. On August July 29, 2011, six of the vakas will land in San Francisco for a week of events that will celebrate these voyagers not only as sailors, but as stewards. Drawing on the lessons of their past to propel us all forward, these navigators are charting a bold new course, steering us all toward a sustainable future

- WHO:** 6 Vakas with 16 member crews from Aotearoa, Cook Islands, Fiji, Hawaii, Pan Pacific, Samoa and Tahiti.
- WHAT:** Meet and Greet with the Crews and Welcome Ceremony. Learn about environmental issues threatening the Pacific Ocean and the ancestral history that brought the Pacific Voyagers to the U.S.
- WHEN:** Meet and Greet: August 6, 2011, 10am -4pm Welcome Reception: August 7, 2011, 1pm
- WHERE:** Treasure Island Building, 180 Lot California and Avenue C

The current state of the Pacific Ocean’s environment impacts not only the Pacific Voyagers, but all of us in real ways. The Pacific Ocean sustains livelihoods, supports enormous biological diversity, and hosts complex ecosystems. The ocean-based economies produce a wealth of resources for over 3 billion people in 56 Pacific Island and Pacific Rim countries and territories. Through trade links and consumption, this network of islands affects billions more around the globe. As the engine of our planet, the Pacific is our breath, our life, our future. The message these voyagers carry is that we are all in one canoe, and together we have the power to shift tides.

You can follow the vakas via the official voyage and project website at www.pacificvoyagers.org.



FOR YOUTH DEVELOPMENT
FOR HEALTHY LIVING
FOR SOCIAL RESPONSIBILITY

GET MORE FROM YOUR WORKOUT

Group Exercise
TREASURE ISLAND YMCA

20 Minute Cardio Class
Wednesday
6:30pm-6:50pm
Open to all fitness levels
Free

For more info contact:
Megan Leonard, TI Coordinator
E: mlonard@ymcasf.org
P: 415 765 9037



TREASURE ISLAND FLEA



Saturday August 27 & Sunday August 28
On the Great Lawn
9 am–4 pm
Residents show your ID for free entry

Treasure Island Flea is owned and operated by The Marin County Flea Market LLC., a privately held company, co-founded by Angie & Charles Ansanelli, with offices located in Novato, California. The company is committed to bringing a quality open-air market to Treasure Island where families and friends can gather and enjoy shopping for unique one-of-a-kind items.

Treasure Island MarketPlace can be contacted at Info@TreasureIslandFlea.com or 415.898.0245.

Jane Kim

DISTRICT 6 SUPERVISOR

There will be no August office hours

Visit Supervisor Kim's webpage at www.sfbos.org



Peace of Mind?



Get an ADT security system with **FREE** installation & activation.

You may also get a discount on your renter's insurance.

Costs are a \$50/year alarm license* to City of San Francisco and \$43/month to ADT for the standard system.

You get: Keypad, 2 door/window sensors, 1 motion detector, 1 remote control, indoor audible alarm, 2-way voice communication, Smartphone, 24-hour battery backup, yard signs and window decals.

Call Rico Sanchez (650) 290-4590 or email rcsanchez@adt.com.

* Pro-rated by quarter if you buy after March.

Worth Every Penny.

E-mail Updates from Good Neighbors

Good Neighbors sends out at least one email per month containing the community newsletter and sometimes more. If you would like to get these updates, please write to:

Good_Neighbors@comcast.net. Your information will be treated as confidential and your address will not be shared with others.

To ensure that future announcements from Good Neighbors of Treasure Island and Yerba Buena Island are delivered to your inbox (not your bulk folder), please add **Good_Neighbors@comcast.net** to your address book.

If you have already signed up but are not getting announcements, please check your SPAM filter.

NOTE: Signing up on the list does not make you a member. To become a member, please visit **TreasureIslandSF.org** and complete an online membership application.



Concerned About Your Financial Future?

Visit **The Business Assistance Center (BAC)**
@ Ship Shape Building located at 850 Avenue I

Monday - Thursday
9 am - 5 pm

Contact **Sherryl Morris** -*ESSP Coordinator*
smorris@tihdi.org or 415-986-4810

Free Credit Report & FI-
CO Score
Credit Counseling
Second Chance Banking
Financial Coaching
Child Support Referral

Bankruptcy Referral
Individual Development
Assistance Referral (IDA)
Computer Classes
Tax Preparation



TIHDI

Treasure Island Homeless Development Initiative

We're on the web!
www.TreasureIslandSF.org

How To SUBSCRIBE

Anyone can subscribe to this FREE newsletter by sending your request to:

Good_Neighbors@comcast.net

Please encourage your housemates, neighbors, and others interested in Treasure Island to sign up.

Or, residents of the Villages, can also send an email to:

Villages@JSCO.net

With the subject "Email Notices Sign-up" and include your name, address and contact info. Staff will verify the information, then send the latest community news.



Next Quarterly Meeting

Saturday, November 12
 Shipshape
 11 am—1 pm

Call (415) 520-6653



SPECIAL POINTS OF INTEREST:

- FREE!
- REFRESHMENTS SERVED!
- Location:
Ship Shape Building
850 Ave. I

• Pre-registration is Required!

Call or email SherryL or Lani:

(415) 986-4810
smorris@tihdi.org
lhanson@tihdi.org

PLEASE NOTE:

- Workshops with the same name will have the same information, do not sign up for two of the same workshops.

2011 Workshop Schedule

ECONOMIC SELF SUFFICIENCY PROGRAM

All workshops held on the 2nd Wednesday of the month from 6:00pm-8:00pm unless noted with an asterisk*

July

*Monday, July 11th,

6:00pm-8:00pm

Asset Building Workshop

October

October 12th

Credit Building Workshop



Fun, Free, Informative Workshops! Call now to sign up!

August

August 10,

Credit Building Workshop

November

*Monday, November 14th,

6:00pm-8:00pm

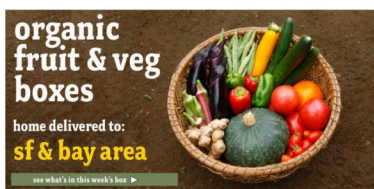
Asset Building Workshop

September

September 14

Asset Building Workshop

ALBERT & EVE



Visit www.alberteve.com

Albert & Eve delivers organic fruit & vegetable boxes to your door!

- Five reasons to join today & eat with your season:
- Customize your box every week!
- Save up to 30% on organic produce
- Free weekly home delivery
- High quality organic fruit & vegetables
- No commitment

NAVSTA TI Project Team Contact List

Position	Name	Office Location	Address	Phone #	Fax #
NAVY					
Base Closure Manager	John Hill	BRAC PMO West	1455 Frazee Road Suite 900 San Diego, CA 92108-4310 <u>E-mail:</u> john.m.hill@navy.mil	(619) 532-0985	(619) 532-0983
Deputy Base Closure Manager	Deb Theroux	BRAC PMO West	1455 Frazee Road Suite 900 San Diego, CA 92108-4310 <u>E-mail:</u> debra.theroux@navy.mil	(619) 532-0919	(619) 532-0983
BRAC Environmental Coordinator	James Sullivan	BRAC PMO West	1455 Frazee Road Suite 900 San Diego, CA 92108-4310 <u>E-mail:</u> james.b.sullivan2@navy.mil	(619) 532-0966	(619) 532-0983
Environmental BLTL	Pat Brooks	BRAC PMO West	1455 Frazee Road Suite 900 San Diego, CA 92108-4310 <u>E-mail:</u> george.brooks@navy.mil	cell: (619) 743-8375 (619) 532-0953	(619) 532-0983
BRAC Lead RPM	Dave Clark	BRAC PMO West	1455 Frazee Road Suite 900 San Diego, CA 92108-4310 <u>E-mail:</u> david.j.clark2@navy.mil	(619) 532-0973	(619) 532-0983
BRAC RPM	Tony Konzen	BRAC PMO West	1455 Frazee Road Suite 900 San Diego, CA 92108-4310 <u>E-mail:</u> anthony.konzen.ctr@navy.mil	cell: (619) 743-8401 (619) 532-0924	(619) 532-0983
BRAC RPM	Lora Battaglia	BRAC PMO West	1455 Frazee Road Suite 900 San Diego, CA 92108-4310 <u>E-mail:</u> lora.battaglia.ctr@navy.mil	(619) 532-0968	(619) 532-0983
BRAC RPM	Danielle Janda	BRAC PMO West	1455 Frazee Road Suite 900 San Diego, CA 92108-4310 <u>E-mail:</u> danielle.janda@navy.mil	(619) 532-0796	(619) 532-0983
Disposal Project Manager	An Bui	BRAC PMO West	1455 Frazee Road Suite 900 San Diego, CA 92108-4310 <u>E-mail:</u> an.bui@navy.mil	(619) 532-0958	(619) 532-0983
Realty Specialist	Beth Larson	BRAC PMO West	1455 Frazee Road Suite 900 San Diego, CA 92108-4310 <u>E-mail:</u> elizabeth.larson@navy.mil	(619) 532-0788	(619) 532-0983
Supervisory Contract Specialist	Charles DePew	BRAC PMO West	1455 Frazee Road Suite 900 San Diego, CA 92108-4310 <u>E-mail:</u> charles.depew@navy.mil	(619) 532-0764	(619) 532-0983
BRAC Legal Counsel	Marvin Norman	Treasure Island	Navy BRAC PMOW CSO One Avenue of the Palms, Bldg 1, Suite 161, Treasure Island, San Francisco, CA 94130-1807 <u>E-mail:</u> marvin.norman@navy.mil	(415) 743-4727	(415) 743-4700
SWDIV QA Officer	Narciso Ancog	NAVFAC SW	1220 Pacific Highway, San Diego, CA 92132-5190 <u>E-mail:</u> narciso.ancog@navy.mil	(619) 532-3046	(619) 532-2607
CSO Team Leader	Patricia McFadden	Treasure Island	Navy BRAC PMOW CSO One Avenue of the Palms, Bldg 1, Suite 161, Treasure Island, San Francisco, CA 94130-1807 <u>E-mail:</u> patricia.a.mcfadden@navy.mil	(415) 743-4720	(415) 743-4700
Environmental Compliance Manager	Michael Mentink	Treasure Island	Navy BRAC PMOW CSO One Avenue of the Palms, Bldg 1, Suite 161, Treasure Island, San Francisco, CA 94130-1807 <u>E-mail:</u> michael.mentink@navy.mil	(415) 743-4729	(415) 743-4700
ROICC Supervisor	Franklin Fernandez	ROICC SF Bay	ROICC SF Bay Area 2450 Saratoga St., Bldg 114, Ste 200 Alameda, CA 94501-7545 <u>E-mail:</u> franklin.d.fernandez@navy.mil	cell: (415) 559-9851 (510) 521-8682	(510) 521-8622
				cell: (510) 755-5877	

NAVSTA TI Project Team Contact List

Position	Name	Office Location	Address	Phone #	Fax #
NAVY (Continued)					
ROICC	Izzat Amadea	ROICC SF Bay	ROICC SF Bay Area 2450 Saratoga St., Bldg 114, Ste 200 Alameda, CA 94501-7545 E-mail: izzat.amadea@navy.mil	(510) 521-8702 cell: (510) 755-5876	(510) 521-8622
Contract Specialist	Karen Barba	BRAC PMO West	1455 Frazee Road Suite 900 San Diego, CA 92108-4310 E-mail: karen.barba@navy.mil	(619) 532-0786	(619) 532-0780
Contract Specialist	Cindy Mafara	BRAC PMO West	1455 Frazee Road Suite 900 San Diego, CA 92108-4310 E-mail: cynthia.mafara@navy.mil	(619) 532-0978	(619) 532-0983
Radiological Affairs Support Office (RASO)	Laurie Lowman	NAVSEADET RASO	P.O. Drawer 260, Building 1971 NWS Yorktown, VA 23691-0260 E-mail: laurie.lowman@navy.mil	(757) 887-7650 Cell: (202) 520-4266	(757) 887-3235
Radiological Affairs Support Office (RASO)	Zachary Edwards	NAVSEADET RASO	P.O. Drawer 260, Building 1971 NWS Yorktown, VA 23691-0260 E-mail: zachary.edwards@navy.mil	(757) 887-7762	(757) 887-3235
REGULATORS					
DTSC Representative	Remedios (Medi) Sunga	CAL/EPA DTSC	700 Heinz Avenue, Suite 200 Berkeley, CA 94710 E-mail: rsunga@dtsc.ca.gov	(510) 540-3840	(510) 540-3819
DTSC Representative	Ryan Miya	CAL/EPA DTSC	700 Heinz Avenue, Suite 200 Berkeley, CA 94710 E-mail: rmiya@dtsc.ca.gov	(510) 540-3775	(510) 540-3819
DTSC Toxicologist	Brian Davis	CAL/EPA DTSC	8800 Cal Center Drive Sacramento, CA 95826 E-mail: bdavis@dtsc.ca.gov	(916) 255-6632	(916) 255-6694
Berkeley Office, Cleanup Operations Performance Manager	Barbara Cook	CAL/EPA DTSC	700 Heinz Avenue, Suite 200 Berkeley, CA 94710 E-mail: bcook@dtsc.ca.gov	(510) 540-3843	(510) 540-3819
DTSC Unit Chief / Representative	Denise Tsuji	CAL/EPA DTSC	700 Heinz Avenue, Suite 200 Berkeley, CA 94710 E-mail: dttsuji@dtsc.ca.gov	(510) 540-3824	(510) 540-3819
DTSC Toxicologist	Jim Polisini	CAL/EPA DTSC	Chatsworth Field Office 9211 Oakdale Avenue Chatsworth, 91311-6505 E-mail: jpolisini@dtsc.ca.gov	(818) 717-6593	(818) 717-6515
DTSC Public Relations	Radhika Majhail	CAL/EPA DTSC	8800 Cal Center Drive Sacramento CA 95826 E-mail: rmajhail@dtsc.ca.gov	(916) 255-6681	
US EPA Representative	Melinda M. Garvey	US EPA Region IX	75 Hawthorne St., SFD-8-3 San Francisco, CA 94105-3901 E-mail: garvey.melinda@epa.gov	(415) 947-4184	(415) 947-3520
US EPA Toxicologist	Gerald Hiatt	US EPA Region IX	75 Hawthorne St., SFD-8-B San Francisco, CA 94105-3901 E-mail: hiatt.gerald@epa.gov	(415) 972-3064	(415) 947-3528
US EPA Legal Counsel	Karen Goldberg	US EPA Region IX	75 Hawthorne St., ORC-3 San Francisco, CA 94105-3901 E-mail: goldberg.karen@epa.gov	(415) 972-3951	
San Francisco Bay Regional Water Quality Control Board	Ross Steenson	Water Board	1515 Clay Street, Suite 1400 Oakland, CA 94612 E-mail: rsteenson@waterboards.ca.gov	(510) 622-2445	(510) 622-2460
San Francisco Bay Regional Water Quality Control Board	Alec Naugle	Water Board	1515 Clay Street, Suite 1400 Oakland, CA 94612 E-mail: anaugle@waterboards.ca.gov	(510) 622-2510	(510) 622-2460

NAVSTA TI Project Team Contact List

Position	Name	Office Location	Address	Phone #	Fax #
REGULATORS (Continued)					
CA Department of Public Health (CDPH), Division of Drinking Water and Environmental	Tracy Jue	CDPH	Health Physicist State of California Environmental Health Branch P.O. Box 997377, MS 7405 Sacramento, CA 95899-7377 E-mail: tracy.jue@cdph.ca.gov	(916) 324-4804	(916) 449-5665
CDPH	Guy Taibi	CDPH	State of California Environmental Health Branch P.O. Box 997377, MS 7405 Sacramento, CA 95899-7377 E-mail: guy.taibi@cdph.ca.gov	(916) 322-5769 cell: (916) 870-2473	(916) 449-5665
CDPH	Larry Morgan	CDPH	State of California Environmental Health Branch P.O. Box 997377, MS 7405 Sacramento, CA 95899-7377 E-mail: larry.morgan@cdph.ca.gov	(916) 319-9651	(916) 449-5665
CA Fish & Game Representative	Charlie Huang	CAL Fish & Game	1700 K St., Rm. 250, P.O. Box 944204 Sacramento, CA 94244-2090 E-mail: chuang@ospr.dfg.ca.gov	(916) 324-9805	
CIWMB	Gino Yekta	CIWMB	1001 "I" Street, PO Box 4025 Sacramento, CA 95812-4025 E-mail: gyekta@ciwmb.ca.gov	(916) 341-6354	(916) 319-7306
NOAA Representative	Laurie Sullivan	NOAA C/O EPA	75 Hawthorne St. San Francisco, CA 94105-3901 E-mail: laurie.sullivan@hazmat.noaa.gov	(415) 972-3210	
Environmental Contaminants Division (Biologist)	Dan Welsh	US Fish & Wildlife	2800 Cottage Way, Suite W-2605 Sacramento, CA 95825-1846 E-mail:	(916) 414-6591	(916) 414-6713
CITY, TREASURE ISLAND DEVELOPMENT AUTHORITY (TIDA) AND CONSULTANTS					
Developer	Kim Diamond	Lennar Urban	One California Street, Suite 2700 San Francisco, CA 94111 E-mail: kdiamond1000@yahoo.com	(415) 344-8852	
Consultant to Developer	Bill Carson	Terraphase Engineering Inc.	414 13th Street, Suite 400 Oakland, CA 94612 E-mail: william.carson@terrphase.com	(415) 388-8745	
Special Projects Specialist	Loraine Lee	John Stewart Company	One Avenue of the Palms, Bldg 1, Suite 168, Treasure Island, San Francisco, CA 94130-1807 E-mail: lorainelee@jsco.net	(415) 834-0211 X18	(415) 834-0210
Consultant to the City of San Francisco	Gary Foote	AMEC Geomatrix	2101 Webster Street, 12th Floor Oakland, CA 94612 E-mail: gary.foote@amec.com	(510) 663-4260	(510) 663-4141
Consultant to the City of San Francisco	Greg Brorby	Exponent	475 14th Street, Suite 400 Oakland, CA 94613 E-mail: gbrorby@exponent.com	(510) 268-5006	(510) 268-5099
Director of Treasure Island Operations	Mirian Saez	TIDA	One Avenue of the Palms, Bldg 1, 2nd Floor, Treasure Island, San Francisco, CA 94130-1807 E-mail: mirian.saez@sfgov.org	(415) 274-0660	(415) 274-0299

NAVSTA TI Project Team Contact List

Position	Name	Office Location	Address	Phone #	Fax #
CITY, TREASURE ISLAND DEVELOPMENT AUTHORITY (TIDA) AND CONSULTANTS (Continued)					
Asst. Project Manager for the Office of Economic and Workforce Development	Michael Tymoff	TIDA	Office of Economic and Workforce Development City Hall, Room 448 1 Dr. Carlton B. Goodlett Place San Francisco, CA 94102 E-mail: michael.tymoff@sfgov.org	(415) 554-7038	(415) 554-6018
TIDA Commission Secretary and Webmaster	Peter Summerville	TIDA	One Avenue of the Palms, Bldg 1, 2nd Floor, Treasure Island, San Francisco, CA 94130-1807 E-mail: peter.summerville@sfgov.org	(415) 274-0660	(415) 274-0299
TIDA Public Information Officer	Marianne Thompson	TIDA	One Avenue of the Palms, Bldg 1, 2nd Floor, Treasure Island, San Francisco, CA 94130-1807 E-mail: marianne.thompson@sfgov.org	(415) 274-0662 cell: (415) 559-9026	
CALIFORNIA DEPARTMENT OF TRANSPORTATION (CALTRANS)					
Project Manager	Charles Smith	Caltrans	Office of Environmental Engineering Mail Station 8C 111 Grand Ave, 14th Floor Oakland, CA 94612 E-mail: charles_smith@dot.ca.gov	(510) 286-5635	(510) 286-5642
SHAW GROUP					
Document Distribution - Concord	Nicole Wojcik	Shaw Group	4005 Port Chicago Highway Concord, CA 94520 E-mail: nicole.wojcik@shawgrp.com	(925) 288-2007	(925) 288-0888
Program Manager	John Baur	Shaw Group	4005 Port Chicago Highway Concord, CA 94520 E-mail: john.baur@shawgrp.com	(925) 288-2019 cell: (925) 382-3051	(925) 288-0888
CERCLA Program Project Manager / Installation Coordinator	Pete Bourgeois	Shaw Field Office	950 Avenue M, Bldg 570, Treasure Island San Francisco, CA 94130 E-mail: peter.bourgeois@shawgrp.com	(415) 277-6983 / (925) 288-2138 cell: (415) 760-5321	(415) 398-6879
Project Technical Lead	Barbara Matz	Shaw Field Office	950 Avenue M, Bldg 570, Treasure Island San Francisco, CA 94130 E-mail: barbara.matz@shawgrp.com	(415)-398-6547 X232/ (925) 288-2337 cell: (415) 713-8482	(925) 288-0888
Field Construction Supervisor	Derek Bohannon	Shaw Field Office	950 Avenue M, Bldg 570, Treasure Island San Francisco, CA 94130 E-mail: derek.bohannon@shawgrp.com	(415) 398-6547 X223	(415) 398-6879
Engineer/Health & Safety	Brian Holmgren	Shaw Field Office	950 Avenue M, Bldg 570, Treasure Island San Francisco, CA 94130 E-mail: brian.holmgren@shawgrp.com	(415) 398-6547 X231	(415) 398-6879
Petroleum Program Technical Lead	Neil Hey	Shaw Group	4005 Port Chicago Highway Concord, CA 94520 E-mail: neil.hey@shawgrp.com	(925) 288-2141	(925) 288-0888
Radiological Program Manager	John Hamm	Shaw Group	185 Berry Street San Francisco, CA 94107 E-mail: john.hamm@shawgrp.com	(415) 512-2409 cell: (505) 259-1232	(415) 512-2424
Project Radiation Safety Officer	Laura Tryboski	Shaw Field Office	950 Avenue M, Bldg 570, Treasure Island San Francisco, CA 94130 E-mail: laura.tryboski@shawgrp.com	(415) 398-6547 X239	(415) 398-6879

NAVSTA TI Project Team Contact List

Position	Name	Office Location	Address	Phone #	Fax #
SHAW GROUP (Continued)					
Document Distribution - San Diego	Tim Jones	Shaw Group	1230 Columbia St., Suite 1200 San Diego, CA 92132	(619) 533-7338	(619) 239-1238
		E-mail:	tim.jones@shawgrp.com		
Community Involvement Coordinator	Lisa Stahl	Shaw Group	9201 E. Dry Creek Road Centennial, CO 80112	(303) 741-7349	(303) 741-7322
		E-mail:	lisa.stahl@shawgrp.com		
TETRA TECH EM INC.					
Project Director	Marcie Rash	TtEMI	1999 Harrison Street, Suite 500 Oakland, CA 94612	(510) 302-6324	(510) 433-0830
		E-mail:	marcie.rash@tetrattech.com		
Lead Project Manager	Jessica Beck	TtEMI	1999 Harrison Street, Suite 500 Oakland, CA 94612	(510) 302-6235	(510) 433-0830
		E-mail:	jessica.beck@tetrattech.com		
Community Relations Lead	Tommie Jean Valmassy	TtEMI	1999 Harrison Street, Suite 500 Oakland, CA 94612	(510) 302-6232	(510) 433-0830
		E-mail:	tommiejean.valmassy@tetrattech.com		
Transfer and Disposal Lead	Dennis Kelly	TtEMI	1999 Harrison Street, Suite 500 Oakland, CA 94612	(510) 302-6334	(510) 433-0830
		E-mail:	dennis.kelly@tetrattech.com		
Project Manager/Senior	Victor Early	TtEMI	1999 Harrison Street, Suite 500 Oakland, CA 94612	(510) 302-6332	(510) 433-0830
		E-mail:	victor.early@tetrattech.com		
Project Manager	Jean Michaels	TtEMI	1999 Harrison Street, Suite 500 Oakland, CA 94612	(510) 302-6346	(510) 433-0830
		E-mail:	jean.michaels@tetrattech.com		
Project Manager	Katie Henry	TtEMI	1999 Harrison Street, Suite 500 Oakland, CA 94612	(510) 302-6298	(510) 433-0830
		E-mail:	katie.henry@tetrattech.com		
Project Manager	Yohji Ono	TtEMI	1999 Harrison Street, Suite 500 Oakland, CA 94612	(510) 302-6301	(510) 433-0830
		E-mail:	yohji.ono@tetrattech.com		
Lead Project Risk Assessor	Shirley Fu	TtEMI	518 17th Street, Suite 900 Denver, CO 80202	(303) 312-8890	(303) 295-2818
		E-mail:	shirley.fu@tetrattech.com		
Lead Project Statistician	Ray Bienert	TtEMI	1999 Harrison Street, Suite 500 Oakland, CA 94612	(510) 302-6296	(510) 433-0830
		E-mail:	ray.bienert@tetrattech.com		
Project Administrator	Quinn Johnson	TtEMI	1999 Harrison Street, Suite 500 Oakland, CA 94612	(510) 302-6347	(510) 433-0830
		E-mail:	quinn.johnson@tetrattech.com		
TETRA TECH EC INC.					
Project Manager	Brian Maidrand	TtECI	1230 Columbia St, Suite 750 San Diego, CA 92101	(619) 471-3570	(619) 234-8591
		E-mail:	brian.maidrand@tteci.com	cell: (619) 606-2544	
TREVET, INC.					
Project Manager	Greg Alyanakian	Trevet	9888 Carroll Centre Road, Suite 228 San Diego, CA 92126	(858) 578-8859	(858) 578-8693
		E-mail:	greg@trevetinc.com	cell: (858) 869-3110	

NAVSTA TI Project Team Contact List

Position	Name	Office Location	Address	Phone #	Fax #
SULLIVAN INTERNATIONAL GROUP, INC					
Project Manager	Mehrdad Javaherian	Sullivan	550 California Street, Suite 610 Sacramento Tower San Francisco, CA 94104 E-mail: mjavaherian@onesullivan.com	(415) 693-0971 cell: (415) 706-8935	(415) 693-0972
ENGINEERING/REMEDIATION RESOURCES GROUP (ERRG)					
Project Manager	Doug Bielskis	ERRG	4585 Pacheco Blvd, Suite 200 Martinez, CA 94553 E-mail: doug.bielskis@errg.com	(925) 839-2270 cell: (925) 383-6416	(925) 969-0751
Technical Lead	Phil Skorge	ERRG	4585 Pacheco Blvd, Suite 200 Martinez, CA 94553 E-mail: phil.skorge@errg.com	(925) 839-2266 cell: (714) 884-8176	(925) 969-0751
INNOVATIVE TECHNICAL SOLUTIONS, INC. (ITSI)					
Senior Project Manager	Arvind Acharya	ITSI	1485 Bayshore Blvd, Suite 355 San Francisco, CA 94124-3002 E-mail: aacharya@itsi.com	(415) 657-0346 cell: (510) 719-6858	(415) 657-0347
RESTORATION ADVISORY BOARD (RAB) MEMBERS					
	Saul Bloom	Arc Ecology	1331 Evans Avenue San Francisco, 94124-1705 E-mail: saulbloom@arcecology.org	(415) 643-1190	(415) 643-1149
	Nathan Brennan		118 Caselli Avenue San Francisco, CA 94114 E-mail: nathan.brennan@sbcglobal.net	(415) 252-1564	
	John F. Gee		6205 View Crest Dr. Oakland, CA 94619 E-mail: jgee@bart.gov		
	Chris Grasteit		1325-D Westside Dr San Francisco, CA 94130 E-mail: cgrasteit@esri.com	(415) 203-8603	
	Alice Pilram		302 Nimitz, Unit B San Francisco, CA 94130 E-mail: alicepilram@yahoo.com	(415) 391-2205	
	Douglas G. Ryan		1154 Washington Avenue Albany, CA 94706 E-mail: dougryan@earthlink.net	(510) 559-7850	
	Dale Smith		2935 Otis Street Berkeley, CA 94703 E-mail: dale2smith@yahoo.com	(510) 841-2115	

From: "Beck, Jessica" <Jessica.Beck@tetrattech.com>
To: zachary.edwards@navy.mil; Victor.Anderson@cdph.ca.gov; Tracy.Jue@cdph.ca...
Date: 8/2/2011 4:21 PM
Subject: TI BCT Meeting August 3rd at 10AM, Tetra Tech Offices, Oakland
Attachments: 1. Aug 2011 BCT Agenda.pdf; 2. Navy Funding Aug 2011.pdf; 4. BCTSite 12 8-3-2011.pdf; 5. Building 233 BCT 8-3-2011.pdf; 6. BCT Field activities8-3-2011.pdf; 7. BCT_SGHandout_Aug.pdf; 8. Aug 2011 DTS_BCT_Master.pdf; 9. Aug 2011 FS_BCT_Master.pdf; 10. TI_RAB_agenda155_draft_to_RAB_and_BCT.pdf; 11. TI CR Activities List for BCT 8.3.11.pdf; 12. Aug 2011 BCT Action Items.pdf; Treasure Island News August 2011.pdf; UPDATED TI Contact List_AUG_2011.pdf

Good afternoon, TI BCT -

In preparation for tomorrow's August 3rd, TI BCT meeting, the following files are attached:

- * Agenda
- * Navy Funding Priority List
- * Site 12 SWDA Field Efforts Presentation
- * Building 233 Presentation
- * Field Activities Presentation
- * Site 21 handout
- * Document Tracking Sheet and Field Schedule
- * Community Relations Activities List
- * Draft August RAB Meeting Agenda
- * Action Item List

Also attached is the updated TI BCT contact list, as well as the August TI Residents' Newsletter.

We will meet at Tetra Tech EMI, at 1999 Harrison Street, 5th Floor, at 10AM.

The BCT call-in information is:

Dial: 800-857-4419

Meeting #2011000

See you tomorrow!

Jessica A. Beck | Project Manager
Direct: 510.302.6235 | Main: 510.302.6300 | Fax: 510.433.0830
jessica.beck@tetrattech.com

Tetra Tech EM Inc.
1999 Harrison Street, Suite 500 | Oakland, CA 94612 | www.tetrattech.com

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AGENDA
NAVAL STATION TREASURE ISLAND
BRAC CLEANUP TEAM / REMEDIAL PROJECT MANAGERS MEETING

Date: Wednesday, August 3, 2011

Time: 10:00 a.m. to 12:00 p.m.

Place: Tetra Tech EMI, 1999 Harrison Street, Suite 500, Oakland, CA

Dial In: 800-857-4419

Meeting ID#: 2011000

10:00 – 10:05	Item: I. Opening: Goal:	Introductions, Meeting Guidelines, Agenda Review Facilitator Introduce all attendees, review guidelines, discuss changes to agenda or add 'Other Items'
10:05 – 10:10	Item: II. Opening: Goal: Process:	Approval of BCT Meeting Minutes James Sullivan Address BCT review comments on previous meeting minutes and approve ▪ BCT Discussion/question and answer ▪ LRA Check-in/question and answer ▪ Update and identify action items
10:10 – 10:15	Item: III. Opening: Goal: Process:	Navy and Organizational Updates Dave Clark / James Sullivan Provide updates on Navy budget, changes within the Navy organization, and other BCT organizational updates ▪ BCT Discussion/question and answer ▪ LRA Check-in/question and answer ▪ Update and identify action items
10:15 – 10:25	Item: IV. Opening: Goal: Process:	Transfer Update James Sullivan Provide summary status of Navy/TIDA transfer discussions and information on transfer related environmental tasks ▪ BCT Discussion/question and answer ▪ LRA Check-in/question and answer ▪ Update and identify action items
10:25 – 10:55	Item: V. Opening: Goal: Process:	Field Activities Tony Konzen / Pete Bourgeois / Danielle Janda Provide an update on field activities (Sites 12, 31/33, Building 233, 21, 24, and 32). ▪ BCT Discussion/question and answer ▪ LRA Check-in/question and answer ▪ Update and identify action items

AGENDA
NAVAL STATION TREASURE ISLAND
BRAC CLEANUP TEAM / REMEDIAL PROJECT MANAGERS MEETING

10:55 – 11:10	Item: VI. Opening: Goal: Process:	Upcoming Documents and Field Activities Dave Clark / Jessica Beck Identify upcoming documents and field activities ✓ Distribute document tracking sheet and field schedule and discuss items upcoming in the next month ▪ BCT Discussion/question and answer ▪ LRA Check-in/question and answer ▪ Update and identify action items
11:10 – 11:20	Item: VII. Opening: Goal: Process:	RAB Meeting Agenda / Community Relations Update James Sullivan Discuss outcome of previous RAB meeting, the draft agenda for the upcoming RAB meeting, and provide comrel updates ✓ Discuss any inquiries received from community members ▪ BCT Discussion/question and answer ▪ LRA Check-in/question and answer ▪ Update and identify action items
11:20 – 11:40	Item: VIII. Opening: Goal: Process:	Discuss Other Items BCT Members Discuss other items ✓ Identify other items ▪ BCT to identify other items for discussion ▪ BCT Discussion/question and answer ▪ LRA Check-in/question and answer ▪ Update and identify action items

AGENDA
NAVAL STATION TREASURE ISLAND
BRAC CLEANUP TEAM / REMEDIAL PROJECT MANAGERS MEETING

- 11:40 – 12:00 Item: **IX. Action Item Review / Other Meetings / Future BCT Agenda Items**
- Opening: James Sullivan
- Goal: Review action items, agree on agenda items for the next RPM/BCT meeting, and review scheduled upcoming meetings
- Process:
- ✓ Review action items
 - ✓ Review scheduled upcoming meetings
 - ✓ BCT to identify future agenda items
-
- BCT to identify other items for discussion
 - BCT Discussion/question and answer
 - LRA Check-in/question and answer
 - Update and identify action items

Future BCT / RPM Meetings:

September 7, 2011, Tetra Tech EM Inc., Oakland, California
October 5, 2011, Tetra Tech EM Inc., Oakland, California
November 2, Tetra Tech EM Inc., Oakland, California
December 7, 2011, Tetra Tech EM Inc., Oakland, California

Navy Funding/Project Priority Update for BCT Naval Station Treasure Island

(FY11 Funds – 1 Oct 2010 to 30 Sept 2011)

August 3, 2011

FY11 Funding Priority List:

1. Additional Site 31/33 radiological field work effort (awarded)



Naval Station Treasure Island Site 12

August 3, 2011 BCT Meeting



Site Documents

Site 12 Characterization and Final Status Survey Plan:

- On hold pending review of overall remediation strategy

Buildings 1123, 1319, & 1321 Demolition Work Instruction:

- Shaw submitted the Work Instruction to the Navy for review on 14 July. The Agencies will receive the Draft document for review August 2011.



Site 12 Steps Forward



- Shaw was not granted a reciprocity extension by the State as of July 12th. To facilitate continuation of fieldwork Shaw has partnered with a licensed subcontractor. Philotechnics has taken over the controls of the radiological site at TI.
- Shaw continues to seek a State license but will subcontract until the license has been granted.
- The weekly Public Health and Safety controls of the fence lines is continuing. This include dose rate surveys as well as fence repairs and visual inspections.

3



Bigelow Court Look Ahead



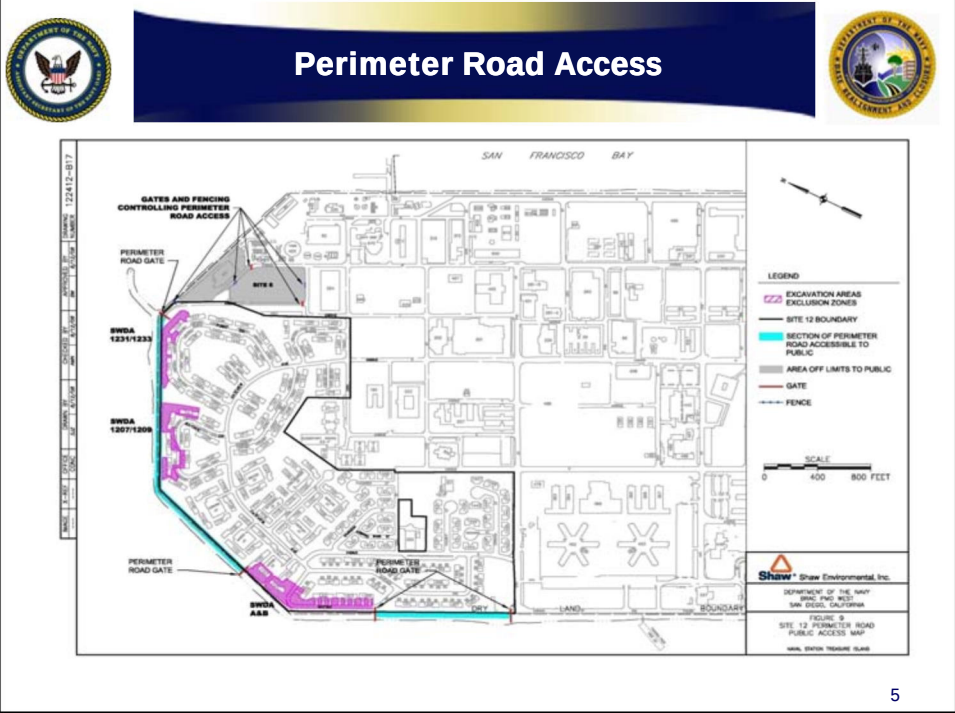
Work Plan:

- The Internal Draft Work Plan is currently in Navy review.

Field Mobilization:

- Field activities are expected to start early fall 2011.

4





Field Efforts Building 233

**August 3, 2011 BCT
Meeting**



Building 233

- **Shaw prepared and submitted (June 13, 2011) a debris disposal summary package to CDPH, which summarizes post remediation, radiological characterization of the building 233 debris for the State's review. The Navy is awaiting comments from the State.**
- **Shaw revised the Building 233 Work Plan for Characterization, Remediation, and Final Status Survey activities to address State comments and reorganize the document to include Characterization and Remediation Phases before completing the Final Status Survey. This document was submitted to the BRAC/RASO on the 15th of July. Will be distributed draft to the agencies August 2011.**



Footprint of Building 233





Naval Station Treasure Island Field Activities

August 3, 2011 BCT Meeting



Groundwater Monitoring at Sites 21, 24, and 32



- **Second quarter groundwater monitoring activities were completed on the 14th of July.**
- **Thirty five (35) wells will be sampled at Site 21. Fifty two (52) wells will be sampled at Site 24. Two (2) wells will be sampled at Site 32.**
- **The Third quarter sampling event will start in Late September/Early October.**
- **Results of the second Quarter sampling will be distributed to the BCT when all the results have been received.**



Site 24 Treatability Study



Phase 2 Treatability Report

- Draft document was sent to the agencies for review July 25, 2011

Phase 3 Work Plan

- The Draft Work Plans was sent to the agencies on June 7, 2011.
- Phase 3 work will address residual contamination along southern site boundary

3



Sites 21 and 24 Soil Gas Sampling



Sites 21 & 24

To address BCT comments regarding soil gas at the sites, the Navy will conduct Soil Gas sampling activities at Sites 21 and 24. Twenty six (26) locations at Site 21 and eight (8) locations at Site 24 are currently will be sampled

Site specific soil gas screening levels are under development for Site 21

Shaw submitted the Internal Draft Addendum to the Navy for review on June 13th. The Draft Plans will be submitted to the agencies August 2011.

4



Site 31 and 33 Steps Forward



- **Internal Draft Removal Action Work Plans were modified to include additional radiological characterization of planned excavations and the existing Site 31 stockpile. The Work Plans will be sent back to the Navy for review on August 4, 2011.**

5



Site 33 Explanation of Significant Differences



Final ESD was signed and distributed May 30th.

Public notice was placed in the SF Chronicle on August 1, 2011.

6



Moving Forward on IR Site 21



Site specific soil gas screening levels are in development and will be finished in August. IR Site 21 is part of the initial conveyance that is set for April 2012. In order to meet the closing conditions by this date, the Navy must move forward with the proposed plan and the ROD at Site 21.

SITE 21 SOIL GAS INFORMATION

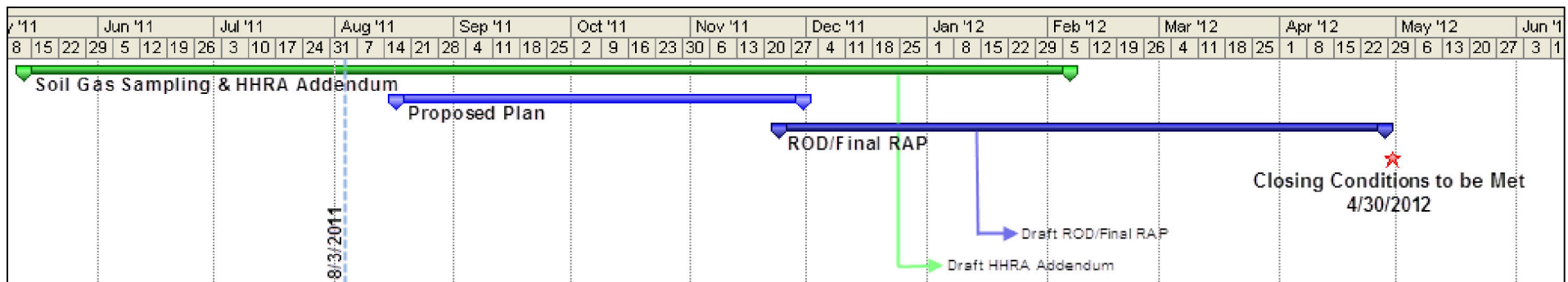
Comparison of Current Soil Gas Data to Values used in the Site 21 HHRA in 2007

	Maximum Soil Gas Detection	C _{source}	CHHSL
Tetrachloroethene	13,000 µg/m ³	68,800 µg/m ³	180 µg/m ³
Trichloroethene	2,300 µg/m ³	91,500 µg/m ³	528 µg/m ³
Vinyl Chloride	<70 µg/m ³	35,600 µg/m ³	13.3 µg/m ³

* VOCs listed are those that exceed the CHHSL

- Maximum Soil Gas Detection is from Preliminary Soil Gas Sample Results taken on 11/17, 11/18 and 12/15.
- C_{source} is from the Site 21 Remedial Investigation Human Health Risk Assessment that used groundwater concentrations to find C_{source} via Henry's Law.
- CHHSL denotes California Human Health Screening Levels, provided as Comparison Criteria with the Preliminary Soil Gas Sample Results.

SITE 21 SCHEDULE



**Naval Station Treasure Island
Environmental Cleanup Program
Document Tracking Sheet
August 2011 - January 2012**

			INTERNAL DRAFT				DRAFT							RTC			INTERNAL FINAL			FINAL								
Item	Document Title & Information	CTO/DO	Internal Draft Due to Navy	Navy Comments Due	Draft to Agencies	Agency Comments						Priority Level	Preliminary RTCs to Agencies	Resolve and Concur on RTCs	Internal Final to Navy	Navy Comments Due	Final to Agencies	Comments										
						Date Due	DTSC	WATER BOARD	EPA	TIDA	RAB								OTHER									
Shaw Group																												
	Site 32 Post Construction Summary Report for PCBs in Soil RPM: Danielle Janda PM: Pete Bourgeois	FZN1	05/11/10, 10/31/10	✓	02/21/11	✓	03/21/11	✓	04/20/11	✓		✓		✓				05/18/11	✓	06/22/11	✓	06/24/11	✓	07/05/11	✓	07/13/11	✓	DTSC (4/13), EPA (4/13), WB (4/15), RAB (4/25), TIDA (4/29)
1	Building 233 Characterization, Remediation and Final Status Survey Work Plan RPM: Anthony Konzen PM: Pete Bourgeois	O10	08/31/10, 09/30/10, 10/11/10, 03/11/11, 07/14/11	✓ ✓ ✓ ✓ ✓	11/25/10 , 03/04/11, 03/16/11, 08/12/11	✓ ✓ ✓ ✓ ✓	08/26/11		09/23/11									10/05/11		10/12/11		10/19/11		10/26/11		11/02/11		
2	Site 24 Treatability Study Report (Phase II) RPM: Danielle Janda PM: Pete Bourgeois	FZN1	04/19/11	✓	05/04/11	✓	07/28/11	✓	08/29/11									09/17/11		10/01/11		10/15/11		10/22/11		10/29/11		Finalizing comments with Navy Technical and RPM.
3	Site 12 Characterization, Remediation and Final Status Survey Work Plan RPM: Anthony Konzen PM: Pete Bourgeois	O10	08/11/10, 10/27/10, 03/18/11	✓ ✓ ✓	TBD		TBD		TBD									TBD		TBD		TBD		TBD		TBD		Draft delayed pending site strategy discussion.
4	Sites 31/33 Remedial Action Work Plan (RAWP) RPM: Lora Battaglia PM: Pete Bourgeois	FZN9	10/15/10, 11/22/10, 01/10/11, 08/19/11	✓ ✓ ✓ ✓	10/29/10, 11/10/10, 09/02/11	✓ ✓ ✓	09/23/11		10/21/11									11/04/11		11/11/11		11/18/11		11/28/11		12/05/11		Rewriting RPP per MARSSIM guidelines; schedule will be accelerated when possible.
5	Site 12 Bigelow Court NTCRA Work Plan RPM: Anthony Konzen PM: Pete Bourgeois	FZN9	11/22/10, 12/23/10, 01/24/11	✓ ✓ ✓	12/14/10, 04/30/11, 08/01/11	✓ ✓ ✓	09/02/11		09/30/11									10/17/11		10/28/11		11/11/11		11/18/11		11/30/11		Final date dependent on comment durations
6	Site 24 Treatability Study Work Plan (Phase III) RPM: Danielle Janda PM: Pete Bourgeois	FZN1	03/23/11	✓	04/07/11	✓	06/06/11	✓	07/27/11	✓	✓	X	✓					08/17/11		08/31/11		09/07/11		09/14/11		09/21/11		EPA (6/16), WB (7/13), TIDA (7/27), DTSC
7	Sites 21/24 Soil Gas Investigation Work Plan RPM: Danielle Janda PM: Pete Bourgeois	:	06/13/11	✓	07/07/11	✓	08/19/11		09/09/11									09/22/11		09/29/11		10/06/11		10/13/11		10/20/11		Schedule will be accelerated when possible.
Tetra Tech EM Inc.																												
8	Site 24 PP/RAP RPM: Danielle Janda PM: Jean Michaels	FZND	01/28/11	✓	TBD		TBD		TBD									TBD		TBD		TBD		TBD		TBD		On hold pending results of Phase III treatability study.
9	Finding of Suitability to Transfer (FOST) 3 RPM: David Clark PM: Marcie Rash	O01	08/09/10	✓	09/02/10	✓	09/28/10	✓	11/03/10	✓	✓	✓	✓					12/08/10	✓	01/05/11	✓	01/21/11	✓	02/02/11	✓	TBD		DTSC (10/26), EPA (11/1), WB (11/8), TIDA (11/2). Final document on hold pending discussions with the State.
	Island Times Newsletter #17 RPM: Jim Sullivan PM: Marcie Rash	O01	08/31/10	✓	04/05/11	✓	04/12/11	✓	04/26/11	✓	X	✓	✓					NA		NA		05/14/11	✓	07/09/11	✓	07/20/11	✓	DTSC (4/25), EPA (4/26), TIDA (4/29)

**Naval Station Treasure Island
Environmental Cleanup Program
Document Tracking Sheet
August 2011 - January 2012**

				INTERNAL DRAFT				DRAFT							RTC		INTERNAL FINAL			FINAL		
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						Date Due	DTSC	WATER BOARD	EPA	TIDA	RAB								OTHER			
Tetra Tech EM Inc. (Continued)																						
10	FOST Addendum (to 2006 TI/YBI documents)	001	04/22/11	✓	TBD	TBD	TBD							TBD		TBD	TBD	TBD	On hold pending discussions with State.			
	RPM: David Clark																					
	PM: Marcie Rash																					
11	2011 Site Management Plan (SMP)	001	03/24/11	✓	04/15/11	✓	04/27/11	✓	05/27/11	✓	X	X	✓			09/16/11	09/30/11	09/23/11	10/07/11	10/21/11	DTSC (5/3), TIDA (5/26), EPA (6/2)	
	RPM: David Clark																					
	PM: Marcie Rash																					
12	Site 32 PP/RAP	489	05/02/11	✓	05/16/11	✓	06/13/11	✓	07/11/11	✓	✓	X	✓			07/30/11	✓	08/12/11	08/19/11	08/26/11	09/02/11	DTSC (7/6, 7/14), WB (7/11), TIDA (7/13)
	RPM: Danielle Janda																					
	PM: Jean Michaels																					
13	Island Times Newsletter #18	001	10/13/11		10/27/11	11/06/11	11/20/11							11/30/11		NA	11/30/11	12/07/11	12/14/11			
	RPM: Jim Sullivan																					
	PM: Marcie Rash																					
Chadux Tetra Tech																						
14	Site 12 RI Report	049	03/02/11	✓	04/01/11	✓	06/10/11	✓	08/19/11							09/16/11		TBD	10/16/11	10/26/11	11/09/11	
	RPM: Anthony Konzen																					
	PM: Marcie Rash																					
15	Site 21 PP/RAP	083	04/09/10* 05/20/10**	✓ ✓	05/09/10* 11/12/10**	✓ ✓	12/16/10	✓	01/15/11	✓	✓	✓	✓			08/17/11		08/30/11	09/06/11	09/13/11	09/14/11	WB (12/28), TIDA/TICD (1/14), DTSC (1/14), RAB (1/16)
	RPM: Danielle Janda																					
	PM: Jean Michaels																					
16	Site 27 ROD/RAP	084	08/08/11* 09/21/11**		09/06/11* 10/21/11**	11/04/11	12/04/11							01/01/12		TBD	01/31/12	02/10/12	02/24/12		* Navy technical review ** Navy legal review	
	RPM: Lora Battaglia																					
	PM: Katie Henry																					
17	Well Decommissioning Letter Report	044	08/10/11		08/24/11	NA	NA							NA		NA	NA	NA	NA	09/20/11		
	RPM: Tony Konzen																					
	PM: Yohji Ono																					
Trevet																						
18	2010 Sites 6 & 12 Annual Groundwater Report	9002	02/23/11	✓	04/08/11	✓	05/11/11	✓	06/21/11	✓	✓	X	✓			08/04/11		TBD	08/08/11	08/15/11	08/22/11	EPA (6/2), DTSC (6/20), TIDA (7/5), WB (7/13)
	RPM: Tony Konzen																					
	PM: Greg Alyanakian																					
ERRG																						
19	Site 6 RI/FS Report	:	08/31/11		10/01/11	10/15/11	11/14/11									12/12/11		TBD	01/11/12	01/21/12	02/04/12	
	RPM: Tony Konzen																					
	PM: Phil Skorge																					
CH2M Hill and Kleinfelder																						
20	YF3 Add'l Soil/Groundwater Sampling Work Plan	X027	07/26/11		08/25/11	10/07/11	11/06/11									11/20/11		12/04/11	12/09/11	12/13/11	12/16/11	
	RPM: Danielle Janda																					
	PM: Eric Johansen																					

**Naval Station Treasure Island
Environmental Cleanup Program
Document Tracking Sheet
August 2011 - January 2012**

			INTERNAL DRAFT		DRAFT							RTC		INTERNAL FINAL		FINAL		
Item	Document Title & Information	CTO/DO	Internal Draft Due to Navy	Navy Comments Due	Draft to Agencies	Agency Comments						Priority Level	Preliminary RTCs to Agencies	Resolve and Concur on RTCs	Internal Final to Navy	Navy Comments Due	Final to Agencies	Comments
						Date Due	DTSC	WATER BOARD	EPA	TIDA	RAB							

✓ Production or review of document is complete.

X Received notification of no comments or comments deferred to other agency.

Grey shading indicates the document is finalized.

Blue shading indicates agency review comments are due within the next 30 days or are outstanding.

Yellow shading indicates documents that will be issued draft or final within the next 30 days.

Abbreviations:

Bldg = Building

CTO/DO = Contract task order/delivery order

DTSC = Department of Toxic Substances Control

EPA = U.S. Environmental Protection Agency

FS = Feasibility study

LUC = Land use covenant

NA = Not applicable

PCB = Polychlorinated biphenyls

PM = Project manager

PP = Proposed plan

RAP = Remedial action plan

RASO = Radiological Affairs Support Office

RI = Remedial investigation

ROD = Record of decision

RPM = Remedial project manager

SAP = Sampling and analysis plan

TBD = To be determined

TICD = Treasure Island Community Developers

TIDA = Treasure Island Development Authority

Water Board (WB) = Regional Water Quality Control Board

**Naval Station Treasure Island
Navy Field Schedule
August 2011 - January 2012**

Item	Activity & Investigation Area	DTS #	Field Dates		Navy RPM	CTO/DO	Project Manager	Field Team Lead	Complete
Shaw									
1	Non-Time Critical Removal Action Site 12	Doc NA	Start: Finish:	02/26/07 TBD	Tony Konzen (619) 532-0924	010	Tony Searls (509) 735-9736	Pete Bourgeois (415) 277-6983	
2	Site 31 Remedial Action Site 31	Doc 5	Start: Finish:	TBD TBD	Lora Battaglia (619) 532-0968	FZN9	Pete Bourgeois (415) 277-6983	Pete Bourgeois (415) 277-6983	
3	Building 233 Debris Screening / Final Status Survey Building 233	Doc 2	Start: Finish:	07/26/10 TBD	Tony Konzen (619) 532-0924	010	Tony Searls (509) 735-9736	Pete Bourgeois (415) 277-6983	
Trevet									
4	Site 6 3rd Quarter Groundwater Sampling Site 6	Doc NA	Start: Finish:	09/08/11 09/09/11	Tony Konzen (619) 532-0924	:	Matt Fuller (858) 578-8859	Matt Fuller (858) 578-8859	
5	Site 6 4th Quarter and Site 12 Semi-Annual Groundwater Sampling Sites 6 and 12	Doc NA	Start: Finish:	12/12/11 12/16/11	Tony Konzen (619) 532-0924	:	Matt Fuller (858) 578-8859	Matt Fuller (858) 578-8859	

Abbreviations:

CTO/DO Contract task order/delivery order
DTS # The number listed corresponds to the associated documentation listed on the Document Tracking Sheet.
NA Not applicable, there is no associated documentation listed on the DTS.
RPM Remedial project manager
TBD To be determined

✓ Field work is complete.

Yellow shading indicates field activities that will start or finish within the next 30 days.

Grey shading indicates field activities are complete.

Draft to RAB and BCT 08.03.11
NAVAL STATION TREASURE ISLAND
ENVIRONMENTAL RESTORATION ADVISORY BOARD MEETING
Tuesday, 16 August 2011
7:00 PM.
Casa de la Vista Building 271
Treasure Island
MEETING NO. 155

- 6:00 – 7:00 **Optional Site Tour** (meet at Casa de la Vista)
- 7:00 – 7:05 **Welcome Remarks and Introductions**
Lead: James Sullivan, Navy Co-Chair
- 7:05 – 7:10 **Public Comment and Announcements**
Lead: James Sullivan, Navy Co-Chair
- 7:10 – 7:15 **Treasure Island/Yerba Buena Island Property Transfer Update**
Lead: James Sullivan, Navy Co-Chair
- 7:15 – 7:25 **Field Activities and Access Update**
Lead: Pete Bourgeois, Shaw E & I
- 7:25 – 7:35 **Site 12 Draft Remedial Investigation (RI) Report Review Discussion**
(*comments due 8/19/11*)
Lead:
- 7:35 – 7:45 **Site 21 Draft Soil Gas Investigation Work Plan**
Lead:
- 7:45 – 7:55 **Site 24 Phase II Draft Treatability Study Report**
Lead:
- 7:55 – 8:05 **Upcoming Documents and Field Schedule**
Lead: Jessica Beck, Tetra Tech EMI
- 8:05 – 8:10 **RAB Meeting Minutes**
Lead: James Sullivan, Navy Co-Chair
- 8:10 – 8:15 **Co-Chair Announcements**
Lead: Alice Pilram, Community Co-Chair
- 8:15 – 8:20 **BRAC Cleanup Team Update**
Lead: James Sullivan, Navy Co-Chair
- 8:20 – 8:25 **Other Public Comment and Announcements**
Lead: James Sullivan, Navy Co-Chair

8:25 – 8:30 **Future Meeting Agenda Items**
Lead: Navy and Community Co-Chairs

8:30 **Closing Remarks/End of Meeting**
Break/Informal Discussion for 30 minutes after the meeting
This is an opportunity to informally discuss issues

Next Regular Meetings: No September 2011 Meeting

7:00 pm Tuesday, 18 October 2011
Casa de la Vista, Treasure Island

No November 2011 Meeting

7:00 pm Tuesday, 20 December 2011
Casa de la Vista, Treasure Island

Next Treasure Island Citizen's Advisory Board (CAB): See the web site for latest dates and times for future meetings: <http://www.sfgov.org/treasureisland>

Next Interim RAB Community Member Conference Call: **(Last Tuesday of pre-RAB month)**

Tuesday, 27 September 2011, 7:00 pm.

Call-In Number: 1- 866-822-0121

Participant Code: 1122026

(Note: This same number will be used for future conference calls)

Next BCT/RPM/Project Team Meeting: 10:00 am. Wednesday 7 September 2011, Tetra Tech EMI, San Diego

Navy BRAC Web Site: <http://www.bracpmo.navy.mil> (click on map for Treasure Island)

Navy San Diego Office Address:
JAMES B. SULLIVAN
DEPARTMENT OF THE NAVY
BASE REALIGNMENT AND CLOSURE
PROGRAM MANAGEMENT OFFICE WEST
1455 FRAZEE ROAD, SUITE 900
SAN DIEGO, CA 92108-4310

NAVSTA TI Community Relations Activities/Items

Activity/Item			Schedule	Status
1	General Environmental Fact Sheet Volume 6		Wednesday, August 31, 2011	In progress
		Will be posted on the Navy's website and made available at public meetings	Submitting to BCT for review 8/3/11	
2	Site 21 Proposed Plan/Draft Remedial Action Plan		September 2011	Tentative
		Final document will be mailed to the full community mailing list, public meeting will be held, and document availability and public meeting will be announced in the newspaper	See Document Tracking Sheet for full schedule	
3	Site 32 Proposed Plan/Draft Remedial Action Plan		September 2011	In progress
		Final document will be mailed to the full community mailing list, public meeting will be held, and document availability and public meeting will be announced in the newspaper	See Document Tracking Sheet for full schedule	
4	Island Times No. 18 Winter 2011/2012 Newsletter		December 2011	
		General topics of interest including current projects and highlights of accomplishments. Looking for a team member to be the profilee for this edition!		
	Remaining RAB Meetings in 2011:			
	155	Tuesday, August 16, 2011 (Pre-RAB tour)		
	156	Tuesday, October 18, 2011		
	157	Tuesday, December 20, 2011		

TREASURE ISLAND BCT ACTION ITEMS
August 3, 2011

Item	Action Item	Lead	Due Date	Revised Due Date	Completed	Comments
TRANSFER / SITEWIDE						
	Navy to confirm the publishing date of the Site 33 ESD in the San Francisco Chronicle to the BCT.	Navy <i>Lora Battaglia</i>	07/07/11		08/01/11	As requested at the June 2011 BCT meeting. The notice is scheduled to run in the <i>San Francisco Chronicle</i> on Monday, August 1, 2011.
1	Navy to clarify the FOST 4 scope and schedule.	Navy <i>Dave Clark</i>	04/06/11	TBD		As requested at the March 2011 BCT meeting.
2	Navy to provide an update on the status of the discussion between the Navy and State counsel, as well as the City of San Francisco and the developer regarding the LUCs.	Navy <i>Jim Sullivan</i>	07/07/11	TBD		As requested at the June 2011 BCT meeting.
RADIOLOGICAL						
	Navy to resolve technical issues of the portal with CDPH and Mr. Taibi will provide Mr. Sullivan his link to the portal.	Navy <i>Jim Sullivan</i>	06/01/11		06/21/11	As requested at the June 2011 BCT meeting.
	Shaw will confirm Ms. Sunga received a copy of the Building 233 data package.	Shaw <i>Pete Bourgeois</i>	08/03/11		07/07/11	As requested at the July 2011 BCT meeting.
	Navy will follow up with Shaw to obtain letter from sent by the Nuclear Regulatory Commission.	Navy <i>Jim Sullivan</i>	07/08/11		07/07/11	As requested at the July 2011 BCT meeting.
3	Navy to schedule a technical meeting with CDPH regarding the thorium results.	Navy <i>Jim Sullivan</i>	06/01/11	TBD		As requested at the June 2011 BCT meeting.
4	Mr. Forrer to provide a figure of the scans performed by CDPH.	CDPH <i>Gene Forrer</i>	06/01/11	08/03/11		As requested at the June 2011 BCT meeting.
5	Mr. Forrer will follow up with Mr. Lavelly and Mr. Prendergast regarding the review of the Building 233 data package.	CDPH <i>Gene Forrer</i>	08/03/11			As requested at the July 2011 BCT meeting.
MISCELLANEOUS						
6	Navy will distribute the updated contact list to the BCT.	Navy <i>Jim Sullivan</i>	08/03/11			As requested at the July 2011 BCT meeting.

Notes:

BCT Base Realignment and Closure Cleanup Team
 CDPH California Department of Public Health
 DTSC Department of Toxic Substances Control
 ESD Explanation of significant differences

FOST Finding of Suitability to Transfer
 LUC Land use covenant
 RTC Response to comments
 TBD To be determined



FOR YOUTH DEVELOPMENT
FOR HEALTHY LIVING
FOR SOCIAL RESPONSIBILITY

GET MORE FROM YOUR WORKOUT

Group Exercise
TREASURE ISLAND YMCA

20 Minute Cardio Class
Wednesday
6:30pm-6:50pm
Open to all fitness levels
Free

For more info contact:
Megan Leonard, TI Coordinator
E: mlonard@ymcasf.org
P: 415 765 9037



NAVSTA TI Project Team Contact List

Position	Name	Office Location	Address	Phone #	Fax #
NAVY					
Base Closure Manager	John Hill	BRAC PMO West	1455 Frazee Road Suite 900 San Diego, CA 92108-4310 <u>E-mail:</u> john.m.hill@navy.mil	(619) 532-0985	(619) 532-0983
Deputy Base Closure Manager	Deb Theroux	BRAC PMO West	1455 Frazee Road Suite 900 San Diego, CA 92108-4310 <u>E-mail:</u> debra.theroux@navy.mil	(619) 532-0919	(619) 532-0983
BRAC Environmental Coordinator	James Sullivan	BRAC PMO West	1455 Frazee Road Suite 900 San Diego, CA 92108-4310 <u>E-mail:</u> james.b.sullivan2@navy.mil	(619) 532-0966	(619) 532-0983
Environmental BLTL	Pat Brooks	BRAC PMO West	1455 Frazee Road Suite 900 San Diego, CA 92108-4310 <u>E-mail:</u> george.brooks@navy.mil	(619) 532-0953	(619) 532-0983
BRAC Lead RPM	Dave Clark	BRAC PMO West	1455 Frazee Road Suite 900 San Diego, CA 92108-4310 <u>E-mail:</u> david.j.clark2@navy.mil	(619) 532-0973	(619) 532-0983
BRAC RPM	Tony Konzen	BRAC PMO West	1455 Frazee Road Suite 900 San Diego, CA 92108-4310 <u>E-mail:</u> anthony.konzen.ctr@navy.mil	(619) 532-0924	(619) 532-0983
BRAC RPM	Lora Battaglia	BRAC PMO West	1455 Frazee Road Suite 900 San Diego, CA 92108-4310 <u>E-mail:</u> lora.battaglia.ctr@navy.mil	(619) 532-0968	(619) 532-0983
BRAC RPM	Danielle Janda	BRAC PMO West	1455 Frazee Road Suite 900 San Diego, CA 92108-4310 <u>E-mail:</u> danielle.janda@navy.mil	(619) 532-0796	(619) 532-0983
Disposal Project Manager	An Bui	BRAC PMO West	1455 Frazee Road Suite 900 San Diego, CA 92108-4310 <u>E-mail:</u> an.bui@navy.mil	(619) 532-0958	(619) 532-0983
Realty Specialist	Beth Larson	BRAC PMO West	1455 Frazee Road Suite 900 San Diego, CA 92108-4310 <u>E-mail:</u> elizabeth.larson@navy.mil	(619) 532-0788	(619) 532-0983
Supervisory Contract Specialist	Charles DePew	BRAC PMO West	1455 Frazee Road Suite 900 San Diego, CA 92108-4310 <u>E-mail:</u> charles.depew@navy.mil	(619) 532-0764	(619) 532-0983
BRAC Legal Counsel	Marvin Norman	Treasure Island	Navy BRAC PMOW CSO One Avenue of the Palms, Bldg 1, Suite 161, Treasure Island, San Francisco, CA 94130-1807 <u>E-mail:</u> marvin.norman@navy.mil	(415) 743-4727	(415) 743-4700
SWDIV QA Officer	Narciso Ancog	NAVFAC SW	1220 Pacific Highway, San Diego, CA 92132-5190 <u>E-mail:</u> narciso.ancog@navy.mil	(619) 532-3046	(619) 532-2607
CSO Team Leader	Patricia McFadden	Treasure Island	Navy BRAC PMOW CSO One Avenue of the Palms, Bldg 1, Suite 161, Treasure Island, San Francisco, CA 94130-1807 <u>E-mail:</u> patricia.a.mcfadden@navy.mil	(415) 743-4720	(415) 743-4700
Environmental Compliance Manager	Michael Mentink	Treasure Island	Navy BRAC PMOW CSO One Avenue of the Palms, Bldg 1, Suite 161, Treasure Island, San Francisco, CA 94130-1807 <u>E-mail:</u> michael.mentink@navy.mil	(415) 743-4729	(415) 743-4700
ROICC Supervisor	Franklin Fernandez	ROICC SF Bay	ROICC SF Bay Area 2450 Saratoga St., Bldg 114, Ste 200 Alameda, CA 94501-7545 <u>E-mail:</u> franklin.d.fernandez@navy.mil	(510) 521-8682	(510) 521-8622
				cell: (510) 755-5877	

NAVSTA TI Project Team Contact List

Position	Name	Office Location	Address	Phone #	Fax #
NAVY (Continued)					
ROICC	Izzat Amadea	ROICC SF Bay	ROICC SF Bay Area 2450 Saratoga St., Bldg 114, Ste 200 Alameda, CA 94501-7545 E-mail: izzat.amadea@navy.mil	(510) 521-8702 cell: (510) 755-5876	(510) 521-8622
Contract Specialist	Karen Barba	BRAC PMO West	1455 Frazee Road Suite 900 San Diego, CA 92108-4310 E-mail: karen.barba@navy.mil	(619) 532-0786	(619) 532-0780
Contract Specialist	Cindy Mafara	BRAC PMO West	1455 Frazee Road Suite 900 San Diego, CA 92108-4310 E-mail: cynthia.mafara@navy.mil	(619) 532-0978	(619) 532-0983
Radiological Affairs Support Office (RASO)	Laurie Lowman	NAVSEADET RASO	P.O. Drawer 260, Building 1971 NWS Yorktown, VA 23691-0260 E-mail: laurie.lowman@navy.mil	(757) 887-7650 Cell: (202) 520-4266	(757) 887-3235
Radiological Affairs Support Office (RASO)	Zachary Edwards	NAVSEADET RASO	P.O. Drawer 260, Building 1971 NWS Yorktown, VA 23691-0260 E-mail: zachary.edwards@navy.mil	(757) 887-7762	(757) 887-3235
REGULATORS					
DTSC Representative	Remedios (Medi) Sunga	CAL/EPA DTSC	700 Heinz Avenue, Suite 200 Berkeley, CA 94710 E-mail: rsunga@dtsc.ca.gov	(510) 540-3840	(510) 540-3819
DTSC Representative	Ryan Miya	CAL/EPA DTSC	700 Heinz Avenue, Suite 200 Berkeley, CA 94710 E-mail: rmiya@dtsc.ca.gov	(510) 540-3775	(510) 540-3819
DTSC Toxicologist	Brian Davis	CAL/EPA DTSC	8800 Cal Center Drive Sacramento, CA 95826 E-mail: bdavis@dtsc.ca.gov	(916) 255-6632	(916) 255-6694
Berkeley Office, Cleanup Operations Performance Manager	Barbara Cook	CAL/EPA DTSC	700 Heinz Avenue, Suite 200 Berkeley, CA 94710 E-mail: bcook@dtsc.ca.gov	(510) 540-3843	(510) 540-3819
DTSC Unit Chief / Representative	Denise Tsuji	CAL/EPA DTSC	700 Heinz Avenue, Suite 200 Berkeley, CA 94710 E-mail: dttsuji@dtsc.ca.gov	(510) 540-3824	(510) 540-3819
DTSC Toxicologist	Jim Polisini	CAL/EPA DTSC	Chatsworth Field Office 9211 Oakdale Avenue Chatsworth, 91311-6505 E-mail: jpolisini@dtsc.ca.gov	(818) 717-6593	(818) 717-6515
DTSC Public Relations	Radhika Majhail	CAL/EPA DTSC	8800 Cal Center Drive Sacramento CA 95826 E-mail: rmajhail@dtsc.ca.gov	(916) 255-6681	
US EPA Representative	Melinda M. Garvey	US EPA Region IX	75 Hawthorne St., SFD-8-3 San Francisco, CA 94105-3901 E-mail: garvey.melinda@epa.gov	(415) 947-4184	(415) 947-3520
US EPA Toxicologist	Gerald Hiatt	US EPA Region IX	75 Hawthorne St., SFD-8-B San Francisco, CA 94105-3901 E-mail: hiatt.gerald@epa.gov	(415) 972-3064	(415) 947-3528
US EPA Legal Counsel	Karen Goldberg	US EPA Region IX	75 Hawthorne St., ORC-3 San Francisco, CA 94105-3901 E-mail: goldberg.karen@epa.gov	(415) 972-3951	
San Francisco Bay Regional Water Quality Control Board	Ross Steenson	Water Board	1515 Clay Street, Suite 1400 Oakland, CA 94612 E-mail: rsteenson@waterboards.ca.gov	(510) 622-2445	(510) 622-2460
San Francisco Bay Regional Water Quality Control Board	Alec Naugle	Water Board	1515 Clay Street, Suite 1400 Oakland, CA 94612 E-mail: anaugle@waterboards.ca.gov	(510) 622-2510	(510) 622-2460

NAVSTA TI Project Team Contact List

Position	Name	Office Location	Address	Phone #	Fax #
REGULATORS (Continued)					
CA Department of Public Health (CDPH), Division of Drinking Water and Environmental	Tracy Jue	CDPH	Health Physicist State of California Environmental Health Branch P.O. Box 997377, MS 7405 Sacramento, CA 95899-7377 E-mail: tracy.jue@cdph.ca.gov	(916) 324-4804	(916) 449-5665
CDPH	Guy Taibi	CDPH	State of California Environmental Health Branch P.O. Box 997377, MS 7405 Sacramento, CA 95899-7377 E-mail: guy.taibi@cdph.ca.gov	(916) 322-5769 cell: (916) 870-2473	(916) 449-5665
CDPH	Larry Morgan	CDPH	State of California Environmental Health Branch P.O. Box 997377, MS 7405 Sacramento, CA 95899-7377 E-mail: larry.morgan@cdph.ca.gov	(916) 319-9651	(916) 449-5665
CA Fish & Game Representative	Charlie Huang	CAL Fish & Game	1700 K St., Rm. 250, P.O. Box 944204 Sacramento, CA 94244-2090 E-mail: chuang@ospr.dfg.ca.gov	(916) 324-9805	
CIWMB	Gino Yekta	CIWMB	1001 "I" Street, PO Box 4025 Sacramento, CA 95812-4025 E-mail: gyekta@ciwmb.ca.gov	(916) 341-6354	(916) 319-7306
NOAA Representative	Laurie Sullivan	NOAA C/O EPA	75 Hawthorne St. San Francisco, CA 94105-3901 E-mail: laurie.sullivan@hazmat.noaa.gov	(415) 972-3210	
Environmental Contaminants Division (Biologist)	Dan Welsh	US Fish & Wildlife	2800 Cottage Way, Suite W-2605 Sacramento, CA 95825-1846 E-mail:	(916) 414-6591	(916) 414-6713
CITY, TREASURE ISLAND DEVELOPMENT AUTHORITY (TIDA) AND CONSULTANTS					
Developer	Kim Diamond	Lennar Urban	One California Street, Suite 2700 San Francisco, CA 94111 E-mail: kdiamond1000@yahoo.com	(415) 344-8852	
Consultant to Developer	Bill Carson	Terraphase Engineering Inc.	414 13th Street, Suite 400 Oakland, CA 94612 E-mail: william.carson@terrphase.com	(415) 388-8745	
Special Projects Specialist	Loraine Lee	John Stewart Company	One Avenue of the Palms, Bldg 1, Suite 168, Treasure Island, San Francisco, CA 94130-1807 E-mail: lorainelee@jsco.net	(415) 834-0211 X18	(415) 834-0210
Consultant to the City of San Francisco	Gary Foote	AMEC Geomatrix	2101 Webster Street, 12th Floor Oakland, CA 94612 E-mail: gary.foote@amec.com	(510) 663-4260	(510) 663-4141
Consultant to the City of San Francisco	Greg Brorby	Exponent	475 14th Street, Suite 400 Oakland, CA 94613 E-mail: gbrorby@exponent.com	(510) 268-5006	(510) 268-5099
Director of Treasure Island Operations	Mirian Saez	TIDA	One Avenue of the Palms, Bldg 1, 2nd Floor, Treasure Island, San Francisco, CA 94130-1807 E-mail: mirian.saez@sfgov.org	(415) 274-0660	(415) 274-0299

NAVSTA TI Project Team Contact List

Position	Name	Office Location	Address	Phone #	Fax #
CITY, TREASURE ISLAND DEVELOPMENT AUTHORITY (TIDA) AND CONSULTANTS (Continued)					
Asst. Project Manager for the Office of Economic and Workforce Development	Michael Tymoff	TIDA	Office of Economic and Workforce Development City Hall, Room 448 1 Dr. Carlton B. Goodlett Place San Francisco, CA 94102 E-mail: michael.tymoff@sfgov.org	(415) 554-7038	(415) 554-6018
TIDA Commission Secretary and Webmaster	Peter Summerville	TIDA	One Avenue of the Palms, Bldg 1, 2nd Floor, Treasure Island, San Francisco, CA 94130-1807 E-mail: peter.summerville@sfgov.org	(415) 274-0660	(415) 274-0299
TIDA Public Information Officer	Marianne Thompson	TIDA	One Avenue of the Palms, Bldg 1, 2nd Floor, Treasure Island, San Francisco, CA 94130-1807 E-mail: marianne.thompson@sfgov.org	(415) 274-0662 cell: (415) 559-9026	
CALIFORNIA DEPARTMENT OF TRANSPORTATION (CALTRANS)					
Project Manager	Charles Smith	Caltrans	Office of Environmental Engineering Mail Station 8C 111 Grand Ave, 14th Floor Oakland, CA 94612 E-mail: charles_smith@dot.ca.gov	(510) 286-5635	(510) 286-5642
SHAW GROUP					
Document Distribution - Concord	Nicole Wojcik	Shaw Group	4005 Port Chicago Highway Concord, CA 94520 E-mail: nicole.wojcik@shawgrp.com	(925) 288-2007	(925) 288-0888
Program Manager	John Baur	Shaw Group	4005 Port Chicago Highway Concord, CA 94520 E-mail: john.baur@shawgrp.com	(925) 288-2019 cell: (925) 382-3051	(925) 288-0888
CERCLA Program Project Manager / Installation Coordinator	Pete Bourgeois	Shaw Field Office	950 Avenue M, Bldg 570, Treasure Island San Francisco, CA 94130 E-mail: peter.bourgeois@shawgrp.com	(415) 277-6983 / (925) 288-2138 cell: (415) 760-5321	(415) 398-6879
Project Technical Lead	Barbara Matz	Shaw Field Office	950 Avenue M, Bldg 570, Treasure Island San Francisco, CA 94130 E-mail: barbara.matz@shawgrp.com	(415)-398-6547 X232/ (925) 288-2337 cell: (415) 713-8482	(925) 288-0888
Field Construction Supervisor	Derek Bohannon	Shaw Field Office	950 Avenue M, Bldg 570, Treasure Island San Francisco, CA 94130 E-mail: derek.bohannon@shawgrp.com	(415) 398-6547 X223	(415) 398-6879
Engineer/Health & Safety	Brian Holmgren	Shaw Field Office	950 Avenue M, Bldg 570, Treasure Island San Francisco, CA 94130 E-mail: brian.holmgren@shawgrp.com	(415) 398-6547 X231	(415) 398-6879
Petroleum Program Technical Lead	Neil Hey	Shaw Group	4005 Port Chicago Highway Concord, CA 94520 E-mail: neil.hey@shawgrp.com	(925) 288-2141	(925) 288-0888
Radiological Program Manager	John Hamm	Shaw Group	185 Berry Street San Francisco, CA 94107 E-mail: john.hamm@shawgrp.com	(415) 512-2409 cell: (505) 259-1232	(415) 512-2424
Project Radiation Safety Officer	Laura Tryboski	Shaw Field Office	950 Avenue M, Bldg 570, Treasure Island San Francisco, CA 94130 E-mail: laura.tryboski@shawgrp.com	(415) 398-6547 X239	(415) 398-6879

NAVSTA TI Project Team Contact List

Position	Name	Office Location	Address	Phone #	Fax #
SHAW GROUP (Continued)					
Document Distribution - San Diego	Tim Jones	Shaw Group	1230 Columbia St., Suite 1200 San Diego, CA 92132	(619) 533-7338	(619) 239-1238
		E-mail:	tim.jones@shawgrp.com		
Community Involvement Coordinator	Lisa Stahl	Shaw Group	9201 E. Dry Creek Road Centennial, CO 80112	(303) 741-7349	(303) 741-7322
		E-mail:	lisa.stahl@shawgrp.com		
TETRA TECH EM INC.					
Project Director	Marcie Rash	TtEMI	1999 Harrison Street, Suite 500 Oakland, CA 94612	(510) 302-6324	(510) 433-0830
		E-mail:	marcie.rash@tetrattech.com		
Lead Project Manager	Jessica Beck	TtEMI	1999 Harrison Street, Suite 500 Oakland, CA 94612	(510) 302-6235	(510) 433-0830
		E-mail:	jessica.beck@tetrattech.com		
Community Relations Lead	Tommie Jean Valmassy	TtEMI	1999 Harrison Street, Suite 500 Oakland, CA 94612	(510) 302-6232	(510) 433-0830
		E-mail:	tommiejean.valmassy@tetrattech.com		
Transfer and Disposal Lead	Dennis Kelly	TtEMI	1999 Harrison Street, Suite 500 Oakland, CA 94612	(510) 302-6334	(510) 433-0830
		E-mail:	dennis.kelly@tetrattech.com		
Project Manager/Senior	Victor Early	TtEMI	1999 Harrison Street, Suite 500 Oakland, CA 94612	(510) 302-6332	(510) 433-0830
		E-mail:	victor.early@tetrattech.com		
Project Manager	Jean Michaels	TtEMI	1999 Harrison Street, Suite 500 Oakland, CA 94612	(510) 302-6346	(510) 433-0830
		E-mail:	jean.michaels@tetrattech.com		
Project Manager	Katie Henry	TtEMI	1999 Harrison Street, Suite 500 Oakland, CA 94612	(510) 302-6298	(510) 433-0830
		E-mail:	katie.henry@tetrattech.com		
Project Manager	Yohji Ono	TtEMI	1999 Harrison Street, Suite 500 Oakland, CA 94612	(510) 302-6301	(510) 433-0830
		E-mail:	yohji.ono@tetrattech.com		
Lead Project Risk Assessor	Shirley Fu	TtEMI	518 17th Street, Suite 900 Denver, CO 80202	(303) 312-8890	(303) 295-2818
		E-mail:	shirley.fu@tetrattech.com		
Lead Project Statistician	Ray Bienert	TtEMI	1999 Harrison Street, Suite 500 Oakland, CA 94612	(510) 302-6296	(510) 433-0830
		E-mail:	ray.bienert@tetrattech.com		
Project Administrator	Quinn Johnson	TtEMI	1999 Harrison Street, Suite 500 Oakland, CA 94612	(510) 302-6347	(510) 433-0830
		E-mail:	quinn.johnson@tetrattech.com		
TETRA TECH EC INC.					
Project Manager	Brian Maidrand	TtECI	1230 Columbia St, Suite 750 San Diego, CA 92101	(619) 471-3570	(619) 234-8591
		E-mail:	brian.maidrand@tteci.com	cell: (619) 606-2544	
TREVET, INC.					
Project Manager	Greg Alyanakian	Trevet	9888 Carroll Centre Road, Suite 228 San Diego, CA 92126	(858) 578-8859	(858) 578-8693
		E-mail:	greg@trevetinc.com	cell: (858) 869-3110	

NAVSTA TI Project Team Contact List

Position	Name	Office Location	Address	Phone #	Fax #
SULLIVAN INTERNATIONAL GROUP, INC					
Project Manager	Mehrdad Javaherian	Sullivan	550 California Street, Suite 610 Sacramento Tower San Francisco, CA 94104 E-mail: mjavaherian@onesullivan.com	(415) 693-0971 cell: (415) 706-8935	(415) 693-0972
ENGINEERING/REMEDIATION RESOURCES GROUP (ERRG)					
Project Manager	Doug Bielskis	ERRG	4585 Pacheco Blvd, Suite 200 Martinez, CA 94553 E-mail: doug.bielskis@errg.com	(925) 839-2270 cell: (925) 383-6416	(925) 969-0751
Technical Lead	Phil Skorge	ERRG	4585 Pacheco Blvd, Suite 200 Martinez, CA 94553 E-mail: phil.skorge@errg.com	(925) 839-2266 cell: (714) 884-8176	(925) 969-0751
INNOVATIVE TECHNICAL SOLUTIONS, INC. (ITSI)					
Senior Project Manager	Arvind Acharya	ITSI	1485 Bayshore Blvd, Suite 355 San Francisco, CA 94124-3002 E-mail: aacharya@itsi.com	(415) 657-0346 cell: (510) 719-6858	(415) 657-0347
RESTORATION ADVISORY BOARD (RAB) MEMBERS					
	Saul Bloom	Arc Ecology	1331 Evans Avenue San Francisco, 94124-1705 E-mail: saulbloom@arcecology.org	(415) 643-1190	(415) 643-1149
	Nathan Brennan		118 Caselli Avenue San Francisco, CA 94114 E-mail: nathan.brennan@sbcglobal.net	(415) 252-1564	
	John F. Gee		6205 View Crest Dr. Oakland, CA 94619 E-mail: jgee@bart.gov		
	Chris Grasteit		1325-D Westside Dr San Francisco, CA 94130 E-mail: cgrasteit@esri.com	(415) 203-8603	
	Alice Pilram		302 Nimitz, Unit B San Francisco, CA 94130 E-mail: alicepilram@yahoo.com	(415) 391-2205	
	Douglas G. Ryan		1154 Washington Avenue Albany, CA 94706 E-mail: dougryan@earthlink.net	(510) 559-7850	
	Dale Smith		2935 Otis Street Berkeley, CA 94703 E-mail: dale2smith@yahoo.com	(510) 841-2115	

From: "Beck, Jessica" <Jessica.Beck@tetrattech.com>
To: zachary.edwards@navy.mil; Victor.Anderson@cdph.ca.gov; Tracy.Jue@cdph.ca...
Date: 8/2/2011 4:21 PM
Subject: TI BCT Meeting August 3rd at 10AM, Tetra Tech Offices, Oakland
Attachments: 1. Aug 2011 BCT Agenda.pdf; 2. Navy Funding Aug 2011.pdf; 4. BCTSite 12 8-3-2011.pdf; 5. Building 233 BCT 8-3-2011.pdf; 6. BCT Field activities8-3-2011.pdf; 7. BCT_SGHandout_Aug.pdf; 8. Aug 2011 DTS_BCT_Master.pdf; 9. Aug 2011 FS_BCT_Master.pdf; 10. TI_RAB_agenda155_draft_to_RAB_and_BCT.pdf; 11. TI CR Activities List for BCT 8.3.11.pdf; 12. Aug 2011 BCT Action Items.pdf; Treasure Island News August 2011.pdf; UPDATED TI Contact List_AUG_2011.pdf

Good afternoon, TI BCT -

In preparation for tomorrow's August 3rd, TI BCT meeting, the following files are attached:

- * Agenda
- * Navy Funding Priority List
- * Site 12 SWDA Field Efforts Presentation
- * Building 233 Presentation
- * Field Activities Presentation
- * Site 21 handout
- * Document Tracking Sheet and Field Schedule
- * Community Relations Activities List
- * Draft August RAB Meeting Agenda
- * Action Item List

Also attached is the updated TI BCT contact list, as well as the August TI Residents' Newsletter.

We will meet at Tetra Tech EMI, at 1999 Harrison Street, 5th Floor, at 10AM.

The BCT call-in information is:

Dial: 800-857-4419

Meeting #2011000

See you tomorrow!

Jessica A. Beck | Project Manager

Direct: 510.302.6235 | Main: 510.302.6300 | Fax: 510.433.0830

jessica.beck@tetrattech.com

Tetra Tech EM Inc.

1999 Harrison Street, Suite 500 | Oakland, CA 94612 | www.tetrattech.com

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AGENDA
NAVAL STATION TREASURE ISLAND
BRAC CLEANUP TEAM / REMEDIAL PROJECT MANAGERS MEETING

Date: Wednesday, August 3, 2011

Time: 10:00 a.m. to 12:00 p.m.

Place: Tetra Tech EMI, 1999 Harrison Street, Suite 500, Oakland, CA

Dial In: 800-857-4419

Meeting ID#: 2011000

10:00 – 10:05	Item: I. Opening: Goal:	Introductions, Meeting Guidelines, Agenda Review Facilitator Introduce all attendees, review guidelines, discuss changes to agenda or add 'Other Items'
10:05 – 10:10	Item: II. Opening: Goal: Process:	Approval of BCT Meeting Minutes James Sullivan Address BCT review comments on previous meeting minutes and approve ▪ BCT Discussion/question and answer ▪ LRA Check-in/question and answer ▪ Update and identify action items
10:10 – 10:15	Item: III. Opening: Goal: Process:	Navy and Organizational Updates Dave Clark / James Sullivan Provide updates on Navy budget, changes within the Navy organization, and other BCT organizational updates ▪ BCT Discussion/question and answer ▪ LRA Check-in/question and answer ▪ Update and identify action items
10:15 – 10:25	Item: IV. Opening: Goal: Process:	Transfer Update James Sullivan Provide summary status of Navy/TIDA transfer discussions and information on transfer related environmental tasks ▪ BCT Discussion/question and answer ▪ LRA Check-in/question and answer ▪ Update and identify action items
10:25 – 10:55	Item: V. Opening: Goal: Process:	Field Activities Tony Konzen / Pete Bourgeois / Danielle Janda Provide an update on field activities (Sites 12, 31/33, Building 233, 21, 24, and 32). ▪ BCT Discussion/question and answer ▪ LRA Check-in/question and answer ▪ Update and identify action items

AGENDA
NAVAL STATION TREASURE ISLAND
BRAC CLEANUP TEAM / REMEDIAL PROJECT MANAGERS MEETING

10:55 – 11:10	Item: VI. Opening: Goal: Process:	Upcoming Documents and Field Activities Dave Clark / Jessica Beck Identify upcoming documents and field activities ✓ Distribute document tracking sheet and field schedule and discuss items upcoming in the next month ▪ BCT Discussion/question and answer ▪ LRA Check-in/question and answer ▪ Update and identify action items
11:10 – 11:20	Item: VII. Opening: Goal: Process:	RAB Meeting Agenda / Community Relations Update James Sullivan Discuss outcome of previous RAB meeting, the draft agenda for the upcoming RAB meeting, and provide comrel updates ✓ Discuss any inquiries received from community members ▪ BCT Discussion/question and answer ▪ LRA Check-in/question and answer ▪ Update and identify action items
11:20 – 11:40	Item: VIII. Opening: Goal: Process:	Discuss Other Items BCT Members Discuss other items ✓ Identify other items ▪ BCT to identify other items for discussion ▪ BCT Discussion/question and answer ▪ LRA Check-in/question and answer ▪ Update and identify action items

AGENDA
NAVAL STATION TREASURE ISLAND
BRAC CLEANUP TEAM / REMEDIAL PROJECT MANAGERS MEETING

- 11:40 – 12:00 Item: **IX. Action Item Review / Other Meetings / Future BCT Agenda Items**
- Opening: James Sullivan
- Goal: Review action items, agree on agenda items for the next RPM/BCT meeting, and review scheduled upcoming meetings
- Process:
- ✓ Review action items
 - ✓ Review scheduled upcoming meetings
 - ✓ BCT to identify future agenda items
-
- BCT to identify other items for discussion
 - BCT Discussion/question and answer
 - LRA Check-in/question and answer
 - Update and identify action items

Future BCT / RPM Meetings:

September 7, 2011, Tetra Tech EM Inc., Oakland, California
October 5, 2011, Tetra Tech EM Inc., Oakland, California
November 2, Tetra Tech EM Inc., Oakland, California
December 7, 2011, Tetra Tech EM Inc., Oakland, California

Navy Funding/Project Priority Update for BCT Naval Station Treasure Island

(FY11 Funds – 1 Oct 2010 to 30 Sept 2011)

August 3, 2011

FY11 Funding Priority List:

1. Additional Site 31/33 radiological field work effort (awarded)



Naval Station Treasure Island Site 12

August 3, 2011 BCT Meeting



Site Documents

Site 12 Characterization and Final Status Survey Plan:

- On hold pending review of overall remediation strategy

Buildings 1123, 1319, & 1321 Demolition Work Instruction:

- Shaw submitted the Work Instruction to the Navy for review on 14 July. The Agencies will receive the Draft document for review August 2011.



Site 12 Steps Forward



- Shaw was not granted a reciprocity extension by the State as of July 12th. To facilitate continuation of fieldwork Shaw has partnered with a licensed subcontractor. Philotechnics has taken over the controls of the radiological site at TI.
- Shaw continues to seek a State license but will subcontract until the license has been granted.
- The weekly Public Health and Safety controls of the fence lines is continuing. This include dose rate surveys as well as fence repairs and visual inspections.

3



Bigelow Court Look Ahead



Work Plan:

- The Internal Draft Work Plan is currently in Navy review.

Field Mobilization:

- Field activities are expected to start early fall 2011.

4





Field Efforts Building 233

**August 3, 2011 BCT
Meeting**



Building 233

- **Shaw prepared and submitted (June 13, 2011) a debris disposal summary package to CDPH, which summarizes post remediation, radiological characterization of the building 233 debris for the State's review. The Navy is awaiting comments from the State.**
- **Shaw revised the Building 233 Work Plan for Characterization, Remediation, and Final Status Survey activities to address State comments and reorganize the document to include Characterization and Remediation Phases before completing the Final Status Survey. This document was submitted to the BRAC/RASO on the 15th of July. Will be distributed draft to the agencies August 2011.**



Footprint of Building 233





Naval Station Treasure Island Field Activities

August 3, 2011 BCT Meeting



Groundwater Monitoring at Sites 21, 24, and 32



- **Second quarter groundwater monitoring activities were completed on the 14th of July.**
- **Thirty five (35) wells will be sampled at Site 21. Fifty two (52) wells will be sampled at Site 24. Two (2) wells will be sampled at Site 32.**
- **The Third quarter sampling event will start in Late September/Early October.**
- **Results of the second Quarter sampling will be distributed to the BCT when all the results have been received.**



Site 24 Treatability Study



Phase 2 Treatability Report

- Draft document was sent to the agencies for review July 25, 2011

Phase 3 Work Plan

- The Draft Work Plans was sent to the agencies on June 7, 2011.
- Phase 3 work will address residual contamination along southern site boundary

3



Sites 21 and 24 Soil Gas Sampling



Sites 21 & 24

To address BCT comments regarding soil gas at the sites, the Navy will conduct Soil Gas sampling activities at Sites 21 and 24. Twenty six (26) locations at Site 21 and eight (8) locations at Site 24 are currently will be sampled

Site specific soil gas screening levels are under development for Site 21

Shaw submitted the Internal Draft Addendum to the Navy for review on June 13th. The Draft Plans will be submitted to the agencies August 2011.

4



Site 31 and 33 Steps Forward



- **Internal Draft Removal Action Work Plans were modified to include additional radiological characterization of planned excavations and the existing Site 31 stockpile. The Work Plans will be sent back to the Navy for review on August 4, 2011.**

5



Site 33 Explanation of Significant Differences



Final ESD was signed and distributed May 30th.

Public notice was placed in the SF Chronicle on August 1, 2011.

6



Moving Forward on IR Site 21



Site specific soil gas screening levels are in development and will be finished in August. IR Site 21 is part of the initial conveyance that is set for April 2012. In order to meet the closing conditions by this date, the Navy must move forward with the proposed plan and the ROD at Site 21.

SITE 21 SOIL GAS INFORMATION

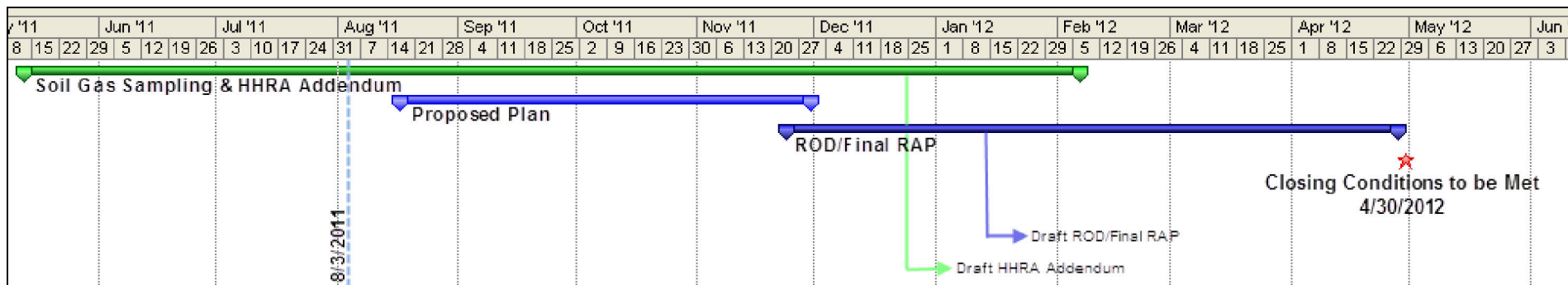
Comparison of Current Soil Gas Data to Values used in the Site 21 HHRA in 2007

	Maximum Soil Gas Detection	C _{source}	CHHSL
Tetrachloroethene	13,000 µg/m ³	68,800 µg/m ³	180 µg/m ³
Trichloroethene	2,300 µg/m ³	91,500 µg/m ³	528 µg/m ³
Vinyl Chloride	<70 µg/m ³	35,600 µg/m ³	13.3 µg/m ³

* VOCs listed are those that exceed the CHHSL

- Maximum Soil Gas Detection is from Preliminary Soil Gas Sample Results taken on 11/17, 11/18 and 12/15.
- C_{source} is from the Site 21 Remedial Investigation Human Health Risk Assessment that used groundwater concentrations to find C_{source} via Henry's Law.
- CHHSL denotes California Human Health Screening Levels, provided as Comparison Criteria with the Preliminary Soil Gas Sample Results.

SITE 21 SCHEDULE



**Naval Station Treasure Island
Environmental Cleanup Program
Document Tracking Sheet
August 2011 - January 2012**

				INTERNAL DRAFT				DRAFT							RTC		INTERNAL FINAL			FINAL								
Item	Document Title & Information	CTO/DO	Internal Draft Due to Navy	Navy Comments Due	Draft to Agencies	Agency Comments						Priority Level	Preliminary RTCs to Agencies	Resolve and Concur on RTCs	Internal Final to Navy	Navy Comments Due	Final to Agencies	Comments										
						Date Due	DTSC	WATER BOARD	EPA	TIDA	RAB								OTHER									
Shaw Group																												
	Site 32 Post Construction Summary Report for PCBs in Soil RPM: Danielle Janda PM: Pete Bourgeois	FZN1	05/11/10, 10/31/10	✓	02/21/11	✓	03/21/11	✓	04/20/11	✓		✓		✓				05/18/11	✓	06/22/11	✓	06/24/11	✓	07/05/11	✓	07/13/11	✓	DTSC (4/13), EPA (4/13), WB (4/15), RAB (4/25), TIDA (4/29)
1	Building 233 Characterization, Remediation and Final Status Survey Work Plan RPM: Anthony Konzen PM: Pete Bourgeois	O10	08/31/10, 09/30/10, 10/11/10, 03/11/11, 07/14/11	✓ ✓ ✓ ✓ ✓	11/25/10 , 03/04/11, 03/16/11, 08/12/11	✓ ✓ ✓ ✓ ✓	08/26/11		09/23/11									10/05/11		10/12/11		10/19/11		10/26/11		11/02/11		
2	Site 24 Treatability Study Report (Phase II) RPM: Danielle Janda PM: Pete Bourgeois	FZN1	04/19/11	✓	05/04/11	✓	07/28/11	✓	08/29/11									09/17/11		10/01/11		10/15/11		10/22/11		10/29/11		Finalizing comments with Navy Technical and RPM.
3	Site 12 Characterization, Remediation and Final Status Survey Work Plan RPM: Anthony Konzen PM: Pete Bourgeois	O10	08/11/10, 10/27/10, 03/18/11	✓ ✓ ✓	TBD		TBD		TBD									TBD		TBD		TBD		TBD		TBD		Draft delayed pending site strategy discussion.
4	Sites 31/33 Remedial Action Work Plan (RAWP) RPM: Lora Battaglia PM: Pete Bourgeois	FZN9	10/15/10, 11/22/10, 01/10/11, 08/19/11	✓ ✓ ✓ ✓	10/29/10, 11/10/10, 09/02/11	✓ ✓ ✓	09/23/11		10/21/11									11/04/11		11/11/11		11/18/11		11/28/11		12/05/11		Rewriting RPP per MARSSIM guidelines; schedule will be accelerated when possible.
5	Site 12 Bigelow Court NTCRA Work Plan RPM: Anthony Konzen PM: Pete Bourgeois	FZN9	11/22/10, 12/23/10, 01/24/11	✓ ✓ ✓	12/14/10, 04/30/11, 08/01/11	✓ ✓ ✓	09/02/11		09/30/11									10/17/11		10/28/11		11/11/11		11/18/11		11/30/11		Final date dependent on comment durations
6	Site 24 Treatability Study Work Plan (Phase III) RPM: Danielle Janda PM: Pete Bourgeois	FZN1	03/23/11	✓	04/07/11	✓	06/06/11	✓	07/27/11	✓	✓	X	✓					08/17/11		08/31/11		09/07/11		09/14/11		09/21/11		EPA (6/16), WB (7/13), TIDA (7/27), DTSC
7	Sites 21/24 Soil Gas Investigation Work Plan RPM: Danielle Janda PM: Pete Bourgeois	:	06/13/11	✓	07/07/11	✓	08/19/11		09/09/11									09/22/11		09/29/11		10/06/11		10/13/11		10/20/11		Schedule will be accelerated when possible.
Tetra Tech EM Inc.																												
8	Site 24 PP/RAP RPM: Danielle Janda PM: Jean Michaels	FZND	01/28/11	✓	TBD		TBD		TBD									TBD		TBD		TBD		TBD		TBD		On hold pending results of Phase III treatability study.
9	Finding of Suitability to Transfer (FOST) 3 RPM: David Clark PM: Marcie Rash	O01	08/09/10	✓	09/02/10	✓	09/28/10	✓	11/03/10	✓	✓	✓	✓					12/08/10	✓	01/05/11	✓	01/21/11	✓	02/02/11	✓	TBD		DTSC (10/26), EPA (11/1), WB (11/8), TIDA (11/2). Final document on hold pending discussions with the State.
	Island Times Newsletter #17 RPM: Jim Sullivan PM: Marcie Rash	O01	08/31/10	✓	04/05/11	✓	04/12/11	✓	04/26/11	✓	X	✓	✓					NA		NA		05/14/11	✓	07/09/11	✓	07/20/11	✓	DTSC (4/25), EPA (4/26), TIDA (4/29)

**Naval Station Treasure Island
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August 2011 - January 2012**

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						Date Due	DTSC	WATER BOARD	EPA	TIDA	RAB								OTHER				
Tetra Tech EM Inc. (Continued)																							
10	FOST Addendum (to 2006 TI/YBI documents)	001	04/22/11	✓	TBD	TBD	TBD							TBD		TBD	TBD	TBD	On hold pending discussions with State.				
	RPM: David Clark																						
	PM: Marcie Rash																						
11	2011 Site Management Plan (SMP)	001	03/24/11	✓	04/15/11	✓	04/27/11	✓	05/27/11	✓	X	X	✓			09/16/11	09/30/11	09/23/11	10/07/11	10/21/11	DTSC (5/3), TIDA (5/26), EPA (6/2)		
	RPM: David Clark																						
	PM: Marcie Rash																						
12	Site 32 PP/RAP	489	05/02/11	✓	05/16/11	✓	06/13/11	✓	07/11/11	✓	✓	X	✓			07/30/11	✓	08/12/11	08/19/11	08/26/11	09/02/11	DTSC (7/6, 7/14), WB (7/11), TIDA (7/13)	
	RPM: Danielle Janda																						
	PM: Jean Michaels																						
13	Island Times Newsletter #18	001	10/13/11		10/27/11	11/06/11	11/20/11							11/30/11		NA	11/30/11	12/07/11	12/14/11				
	RPM: Jim Sullivan																						
	PM: Marcie Rash																						
Chadux Tetra Tech																							
14	Site 12 RI Report	049	03/02/11	✓	04/01/11	✓	06/10/11	✓	08/19/11							09/16/11		TBD	10/16/11	10/26/11	11/09/11		
	RPM: Anthony Konzen																						
	PM: Marcie Rash																						
15	Site 21 PP/RAP	083	04/09/10* 05/20/10**	✓ ✓	05/09/10* 11/12/10**	✓ ✓	12/16/10	✓	01/15/11	✓	✓	✓	✓			08/17/11	08/30/11	09/06/11	09/13/11	09/14/11	WB (12/28), TIDA/TICD (1/14), DTSC (1/14), RAB (1/16)		
	RPM: Danielle Janda																						
	PM: Jean Michaels																						
16	Site 27 ROD/RAP	084	08/08/11* 09/21/11**		09/06/11* 10/21/11**	11/04/11	12/04/11							01/01/12		TBD	01/31/12	02/10/12	02/24/12		* Navy technical review ** Navy legal review		
	RPM: Lora Battaglia																						
	PM: Katie Henry																						
17	Well Decommissioning Letter Report	044	08/10/11		08/24/11	NA	NA							NA		NA	NA	NA	NA	09/20/11			
	RPM: Tony Konzen																						
	PM: Yohji Ono																						
Trevet																							
18	2010 Sites 6 & 12 Annual Groundwater Report	9002	02/23/11	✓	04/08/11	✓	05/11/11	✓	06/21/11	✓	✓	X	✓			08/04/11		TBD	08/08/11	08/15/11	08/22/11	EPA (6/2), DTSC (6/20), TIDA (7/5), WB (7/13)	
	RPM: Tony Konzen																						
	PM: Greg Alyanakian																						
ERRG																							
19	Site 6 RI/FS Report	:	08/31/11		10/01/11	10/15/11	11/14/11									12/12/11		TBD	01/11/12	01/21/12	02/04/12		
	RPM: Tony Konzen																						
	PM: Phil Skorge																						
CH2M Hill and Kleinfelder																							
20	YF3 Add'l Soil/Groundwater Sampling Work Plan	X027	07/26/11		08/25/11	10/07/11	11/06/11									11/20/11		12/04/11	12/09/11	12/13/11	12/16/11		
	RPM: Danielle Janda																						
	PM: Eric Johansen																						

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						Date Due	DTSC	WATER BOARD	EPA	TIDA	RAB							

✓ Production or review of document is complete.

X Received notification of no comments or comments deferred to other agency.

Grey shading indicates the document is finalized.

Blue shading indicates agency review comments are due within the next 30 days or are outstanding.

Yellow shading indicates documents that will be issued draft or final within the next 30 days.

Abbreviations:

Bldg = Building

CTO/DO = Contract task order/delivery order

DTSC = Department of Toxic Substances Control

EPA = U.S. Environmental Protection Agency

FS = Feasibility study

LUC = Land use covenant

NA = Not applicable

PCB = Polychlorinated biphenyls

PM = Project manager

PP = Proposed plan

RAP = Remedial action plan

RASO = Radiological Affairs Support Office

RI = Remedial investigation

ROD = Record of decision

RPM = Remedial project manager

SAP = Sampling and analysis plan

TBD = To be determined

TICD = Treasure Island Community Developers

TIDA = Treasure Island Development Authority

Water Board (WB) = Regional Water Quality Control Board

**Naval Station Treasure Island
Navy Field Schedule
August 2011 - January 2012**

Item	Activity & Investigation Area	DTS #	Field Dates		Navy RPM	CTO/DO	Project Manager	Field Team Lead	Complete
Shaw									
1	Non-Time Critical Removal Action Site 12	Doc NA	Start: Finish:	02/26/07 TBD	Tony Konzen (619) 532-0924	010	Tony Searls (509) 735-9736	Pete Bourgeois (415) 277-6983	
2	Site 31 Remedial Action Site 31	Doc 5	Start: Finish:	TBD TBD	Lora Battaglia (619) 532-0968	FZN9	Pete Bourgeois (415) 277-6983	Pete Bourgeois (415) 277-6983	
3	Building 233 Debris Screening / Final Status Survey Building 233	Doc 2	Start: Finish:	07/26/10 TBD	Tony Konzen (619) 532-0924	010	Tony Searls (509) 735-9736	Pete Bourgeois (415) 277-6983	
Trevet									
4	Site 6 3rd Quarter Groundwater Sampling Site 6	Doc NA	Start: Finish:	09/08/11 09/09/11	Tony Konzen (619) 532-0924	:	Matt Fuller (858) 578-8859	Matt Fuller (858) 578-8859	
5	Site 6 4th Quarter and Site 12 Semi-Annual Groundwater Sampling Sites 6 and 12	Doc NA	Start: Finish:	12/12/11 12/16/11	Tony Konzen (619) 532-0924	:	Matt Fuller (858) 578-8859	Matt Fuller (858) 578-8859	

Abbreviations:

CTO/DO Contract task order/delivery order
DTS # The number listed corresponds to the associated documentation listed on the Document Tracking Sheet.
NA Not applicable, there is no associated documentation listed on the DTS.
RPM Remedial project manager
TBD To be determined

✓ Field work is complete.

Yellow shading indicates field activities that will start or finish within the next 30 days.

Grey shading indicates field activities are complete.

Draft to RAB and BCT 08.03.11
NAVAL STATION TREASURE ISLAND
ENVIRONMENTAL RESTORATION ADVISORY BOARD MEETING
Tuesday, 16 August 2011
7:00 PM.
Casa de la Vista Building 271
Treasure Island
MEETING NO. 155

- 6:00 – 7:00 **Optional Site Tour** (meet at Casa de la Vista)
- 7:00 – 7:05 **Welcome Remarks and Introductions**
Lead: James Sullivan, Navy Co-Chair
- 7:05 – 7:10 **Public Comment and Announcements**
Lead: James Sullivan, Navy Co-Chair
- 7:10 – 7:15 **Treasure Island/Yerba Buena Island Property Transfer Update**
Lead: James Sullivan, Navy Co-Chair
- 7:15 – 7:25 **Field Activities and Access Update**
Lead: Pete Bourgeois, Shaw E & I
- 7:25 – 7:35 **Site 12 Draft Remedial Investigation (RI) Report Review Discussion**
(*comments due 8/19/11*)
Lead:
- 7:35 – 7:45 **Site 21 Draft Soil Gas Investigation Work Plan**
Lead:
- 7:45 – 7:55 **Site 24 Phase II Draft Treatability Study Report**
Lead:
- 7:55 – 8:05 **Upcoming Documents and Field Schedule**
Lead: Jessica Beck, Tetra Tech EMI
- 8:05 – 8:10 **RAB Meeting Minutes**
Lead: James Sullivan, Navy Co-Chair
- 8:10 – 8:15 **Co-Chair Announcements**
Lead: Alice Pilram, Community Co-Chair
- 8:15 – 8:20 **BRAC Cleanup Team Update**
Lead: James Sullivan, Navy Co-Chair
- 8:20 – 8:25 **Other Public Comment and Announcements**
Lead: James Sullivan, Navy Co-Chair

8:25 – 8:30 **Future Meeting Agenda Items**
Lead: Navy and Community Co-Chairs

8:30 **Closing Remarks/End of Meeting**
Break/Informal Discussion for 30 minutes after the meeting
This is an opportunity to informally discuss issues

Next Regular Meetings: No September 2011 Meeting

7:00 pm Tuesday, 18 October 2011
Casa de la Vista, Treasure Island

No November 2011 Meeting

7:00 pm Tuesday, 20 December 2011
Casa de la Vista, Treasure Island

Next Treasure Island Citizen's Advisory Board (CAB): See the web site for latest dates and times for future meetings: <http://www.sfgov.org/treasureisland>

Next Interim RAB Community Member Conference Call: **(Last Tuesday of pre-RAB month)**

Tuesday, 27 September 2011, 7:00 pm.

Call-In Number: 1- 866-822-0121

Participant Code: 1122026

(Note: This same number will be used for future conference calls)

Next BCT/RPM/Project Team Meeting: 10:00 am. Wednesday 7 September 2011, Tetra Tech EMI, San Diego

Navy BRAC Web Site: <http://www.bracpmo.navy.mil> (click on map for Treasure Island)

Navy San Diego Office Address:
JAMES B. SULLIVAN
DEPARTMENT OF THE NAVY
BASE REALIGNMENT AND CLOSURE
PROGRAM MANAGEMENT OFFICE WEST
1455 FRAZEE ROAD, SUITE 900
SAN DIEGO, CA 92108-4310

NAVSTA TI Community Relations Activities/Items

Activity/Item			Schedule	Status
1	General Environmental Fact Sheet Volume 6		Wednesday, August 31, 2011	In progress
		Will be posted on the Navy's website and made available at public meetings	Submitting to BCT for review 8/3/11	
2	Site 21 Proposed Plan/Draft Remedial Action Plan		September 2011	Tentative
		Final document will be mailed to the full community mailing list, public meeting will be held, and document availability and public meeting will be announced in the newspaper	See Document Tracking Sheet for full schedule	
3	Site 32 Proposed Plan/Draft Remedial Action Plan		September 2011	In progress
		Final document will be mailed to the full community mailing list, public meeting will be held, and document availability and public meeting will be announced in the newspaper	See Document Tracking Sheet for full schedule	
4	Island Times No. 18 Winter 2011/2012 Newsletter		December 2011	
		General topics of interest including current projects and highlights of accomplishments. Looking for a team member to be the profilee for this edition!		
	Remaining RAB Meetings in 2011:			
	155	Tuesday, August 16, 2011 (Pre-RAB tour)		
	156	Tuesday, October 18, 2011		
	157	Tuesday, December 20, 2011		

TREASURE ISLAND BCT ACTION ITEMS
August 3, 2011

Item	Action Item	Lead	Due Date	Revised Due Date	Completed	Comments
TRANSFER / SITEWIDE						
	Navy to confirm the publishing date of the Site 33 ESD in the San Francisco Chronicle to the BCT.	Navy <i>Lora Battaglia</i>	07/07/11		08/01/11	As requested at the June 2011 BCT meeting. The notice is scheduled to run in the <i>San Francisco Chronicle</i> on Monday, August 1, 2011.
1	Navy to clarify the FOST 4 scope and schedule.	Navy <i>Dave Clark</i>	04/06/11	TBD		As requested at the March 2011 BCT meeting.
2	Navy to provide an update on the status of the discussion between the Navy and State counsel, as well as the City of San Francisco and the developer regarding the LUCs.	Navy <i>Jim Sullivan</i>	07/07/11	TBD		As requested at the June 2011 BCT meeting.
RADIOLOGICAL						
	Navy to resolve technical issues of the portal with CDPH and Mr. Taibi will provide Mr. Sullivan his link to the portal.	Navy <i>Jim Sullivan</i>	06/01/11		06/21/11	As requested at the June 2011 BCT meeting.
	Shaw will confirm Ms. Sunga received a copy of the Building 233 data package.	Shaw <i>Pete Bourgeois</i>	08/03/11		07/07/11	As requested at the July 2011 BCT meeting.
	Navy will follow up with Shaw to obtain letter from sent by the Nuclear Regulatory Commission.	Navy <i>Jim Sullivan</i>	07/08/11		07/07/11	As requested at the July 2011 BCT meeting.
3	Navy to schedule a technical meeting with CDPH regarding the thorium results.	Navy <i>Jim Sullivan</i>	06/01/11	TBD		As requested at the June 2011 BCT meeting.
4	Mr. Forrer to provide a figure of the scans performed by CDPH.	CDPH <i>Gene Forrer</i>	06/01/11	08/03/11		As requested at the June 2011 BCT meeting.
5	Mr. Forrer will follow up with Mr. Lavelly and Mr. Prendergast regarding the review of the Building 233 data package.	CDPH <i>Gene Forrer</i>	08/03/11			As requested at the July 2011 BCT meeting.
MISCELLANEOUS						
6	Navy will distribute the updated contact list to the BCT.	Navy <i>Jim Sullivan</i>	08/03/11			As requested at the July 2011 BCT meeting.

Notes:

BCT Base Realignment and Closure Cleanup Team
 CDPH California Department of Public Health
 DTSC Department of Toxic Substances Control
 ESD Explanation of significant differences

FOST Finding of Suitability to Transfer
 LUC Land use covenant
 RTC Response to comments
 TBD To be determined



FOR YOUTH DEVELOPMENT
FOR HEALTHY LIVING
FOR SOCIAL RESPONSIBILITY

GET MORE FROM YOUR WORKOUT

Group Exercise
TREASURE ISLAND YMCA

20 Minute Cardio Class
Wednesday
6:30pm-6:50pm
Open to all fitness levels
Free

For more info contact:
Megan Leonard, TI Coordinator
E: mlonard@ymcasf.org
P: 415 765 9037



NAVSTA TI Project Team Contact List

Position	Name	Office Location	Address	Phone #	Fax #
NAVY					
Base Closure Manager	John Hill	BRAC PMO West	1455 Frazee Road Suite 900 San Diego, CA 92108-4310 <u>E-mail:</u> john.m.hill@navy.mil	(619) 532-0985	(619) 532-0983
Deputy Base Closure Manager	Deb Theroux	BRAC PMO West	1455 Frazee Road Suite 900 San Diego, CA 92108-4310 <u>E-mail:</u> debra.theroux@navy.mil	(619) 532-0919	(619) 532-0983
BRAC Environmental Coordinator	James Sullivan	BRAC PMO West	1455 Frazee Road Suite 900 San Diego, CA 92108-4310 <u>E-mail:</u> james.b.sullivan2@navy.mil	(619) 532-0966	(619) 532-0983
Environmental BLTL	Pat Brooks	BRAC PMO West	1455 Frazee Road Suite 900 San Diego, CA 92108-4310 <u>E-mail:</u> george.brooks@navy.mil	cell: (619) 743-8375 (619) 532-0953	(619) 532-0983
BRAC Lead RPM	Dave Clark	BRAC PMO West	1455 Frazee Road Suite 900 San Diego, CA 92108-4310 <u>E-mail:</u> david.j.clark2@navy.mil	(619) 532-0973	(619) 532-0983
BRAC RPM	Tony Konzen	BRAC PMO West	1455 Frazee Road Suite 900 San Diego, CA 92108-4310 <u>E-mail:</u> anthony.konzen.ctr@navy.mil	cell: (619) 743-8401 (619) 532-0924	(619) 532-0983
BRAC RPM	Lora Battaglia	BRAC PMO West	1455 Frazee Road Suite 900 San Diego, CA 92108-4310 <u>E-mail:</u> lora.battaglia.ctr@navy.mil	(619) 532-0968	(619) 532-0983
BRAC RPM	Danielle Janda	BRAC PMO West	1455 Frazee Road Suite 900 San Diego, CA 92108-4310 <u>E-mail:</u> danielle.janda@navy.mil	(619) 532-0796	(619) 532-0983
Disposal Project Manager	An Bui	BRAC PMO West	1455 Frazee Road Suite 900 San Diego, CA 92108-4310 <u>E-mail:</u> an.bui@navy.mil	(619) 532-0958	(619) 532-0983
Realty Specialist	Beth Larson	BRAC PMO West	1455 Frazee Road Suite 900 San Diego, CA 92108-4310 <u>E-mail:</u> elizabeth.larson@navy.mil	(619) 532-0788	(619) 532-0983
Supervisory Contract Specialist	Charles DePew	BRAC PMO West	1455 Frazee Road Suite 900 San Diego, CA 92108-4310 <u>E-mail:</u> charles.depew@navy.mil	(619) 532-0764	(619) 532-0983
BRAC Legal Counsel	Marvin Norman	Treasure Island	Navy BRAC PMOW CSO One Avenue of the Palms, Bldg 1, Suite 161, Treasure Island, San Francisco, CA 94130-1807 <u>E-mail:</u> marvin.norman@navy.mil	(415) 743-4727	(415) 743-4700
SWDIV QA Officer	Narciso Ancog	NAVFAC SW	1220 Pacific Highway, San Diego, CA 92132-5190 <u>E-mail:</u> narciso.ancog@navy.mil	(619) 532-3046	(619) 532-2607
CSO Team Leader	Patricia McFadden	Treasure Island	Navy BRAC PMOW CSO One Avenue of the Palms, Bldg 1, Suite 161, Treasure Island, San Francisco, CA 94130-1807 <u>E-mail:</u> patricia.a.mcfadden@navy.mil	(415) 743-4720	(415) 743-4700
Environmental Compliance Manager	Michael Mentink	Treasure Island	Navy BRAC PMOW CSO One Avenue of the Palms, Bldg 1, Suite 161, Treasure Island, San Francisco, CA 94130-1807 <u>E-mail:</u> michael.mentink@navy.mil	(415) 743-4729	(415) 743-4700
ROICC Supervisor	Franklin Fernandez	ROICC SF Bay	ROICC SF Bay Area 2450 Saratoga St., Bldg 114, Ste 200 Alameda, CA 94501-7545 <u>E-mail:</u> franklin.d.fernandez@navy.mil	cell: (415) 559-9851 (510) 521-8682	(510) 521-8622
				cell: (510) 755-5877	

NAVSTA TI Project Team Contact List

Position	Name	Office Location	Address	Phone #	Fax #
NAVY (Continued)					
ROICC	Izzat Amadea	ROICC SF Bay	ROICC SF Bay Area 2450 Saratoga St., Bldg 114, Ste 200 Alameda, CA 94501-7545 E-mail: izzat.amadea@navy.mil	(510) 521-8702 cell: (510) 755-5876	(510) 521-8622
Contract Specialist	Karen Barba	BRAC PMO West	1455 Frazee Road Suite 900 San Diego, CA 92108-4310 E-mail: karen.barba@navy.mil	(619) 532-0786	(619) 532-0780
Contract Specialist	Cindy Mafara	BRAC PMO West	1455 Frazee Road Suite 900 San Diego, CA 92108-4310 E-mail: cynthia.mafara@navy.mil	(619) 532-0978	(619) 532-0983
Radiological Affairs Support Office (RASO)	Laurie Lowman	NAVSEADET RASO	P.O. Drawer 260, Building 1971 NWS Yorktown, VA 23691-0260 E-mail: laurie.lowman@navy.mil	(757) 887-7650 Cell: (202) 520-4266	(757) 887-3235
Radiological Affairs Support Office (RASO)	Zachary Edwards	NAVSEADET RASO	P.O. Drawer 260, Building 1971 NWS Yorktown, VA 23691-0260 E-mail: zachary.edwards@navy.mil	(757) 887-7762	(757) 887-3235
REGULATORS					
DTSC Representative	Remedios (Medi) Sunga	CAL/EPA DTSC	700 Heinz Avenue, Suite 200 Berkeley, CA 94710 E-mail: rsunga@dtsc.ca.gov	(510) 540-3840	(510) 540-3819
DTSC Representative	Ryan Miya	CAL/EPA DTSC	700 Heinz Avenue, Suite 200 Berkeley, CA 94710 E-mail: rmiya@dtsc.ca.gov	(510) 540-3775	(510) 540-3819
DTSC Toxicologist	Brian Davis	CAL/EPA DTSC	8800 Cal Center Drive Sacramento, CA 95826 E-mail: bdavis@dtsc.ca.gov	(916) 255-6632	(916) 255-6694
Berkeley Office, Cleanup Operations Performance Manager	Barbara Cook	CAL/EPA DTSC	700 Heinz Avenue, Suite 200 Berkeley, CA 94710 E-mail: bcook@dtsc.ca.gov	(510) 540-3843	(510) 540-3819
DTSC Unit Chief / Representative	Denise Tsuji	CAL/EPA DTSC	700 Heinz Avenue, Suite 200 Berkeley, CA 94710 E-mail: dttsuji@dtsc.ca.gov	(510) 540-3824	(510) 540-3819
DTSC Toxicologist	Jim Polisini	CAL/EPA DTSC	Chatsworth Field Office 9211 Oakdale Avenue Chatsworth, 91311-6505 E-mail: jpolisini@dtsc.ca.gov	(818) 717-6593	(818) 717-6515
DTSC Public Relations	Radhika Majhail	CAL/EPA DTSC	8800 Cal Center Drive Sacramento CA 95826 E-mail: rmajhail@dtsc.ca.gov	(916) 255-6681	
US EPA Representative	Melinda M. Garvey	US EPA Region IX	75 Hawthorne St., SFD-8-3 San Francisco, CA 94105-3901 E-mail: garvey.melinda@epa.gov	(415) 947-4184	(415) 947-3520
US EPA Toxicologist	Gerald Hiatt	US EPA Region IX	75 Hawthorne St., SFD-8-B San Francisco, CA 94105-3901 E-mail: hiatt.gerald@epa.gov	(415) 972-3064	(415) 947-3528
US EPA Legal Counsel	Karen Goldberg	US EPA Region IX	75 Hawthorne St., ORC-3 San Francisco, CA 94105-3901 E-mail: goldberg.karen@epa.gov	(415) 972-3951	
San Francisco Bay Regional Water Quality Control Board	Ross Steenson	Water Board	1515 Clay Street, Suite 1400 Oakland, CA 94612 E-mail: rsteenson@waterboards.ca.gov	(510) 622-2445	(510) 622-2460
San Francisco Bay Regional Water Quality Control Board	Alec Naugle	Water Board	1515 Clay Street, Suite 1400 Oakland, CA 94612 E-mail: anaugle@waterboards.ca.gov	(510) 622-2510	(510) 622-2460

NAVSTA TI Project Team Contact List

Position	Name	Office Location	Address	Phone #	Fax #
REGULATORS (Continued)					
CA Department of Public Health (CDPH), Division of Drinking Water and Environmental	Tracy Jue	CDPH	Health Physicist State of California Environmental Health Branch P.O. Box 997377, MS 7405 Sacramento, CA 95899-7377 E-mail: tracy.jue@cdph.ca.gov	(916) 324-4804	(916) 449-5665
CDPH	Guy Taibi	CDPH	State of California Environmental Health Branch P.O. Box 997377, MS 7405 Sacramento, CA 95899-7377 E-mail: guy.taibi@cdph.ca.gov	(916) 322-5769 cell: (916) 870-2473	(916) 449-5665
CDPH	Larry Morgan	CDPH	State of California Environmental Health Branch P.O. Box 997377, MS 7405 Sacramento, CA 95899-7377 E-mail: larry.morgan@cdph.ca.gov	(916) 319-9651	(916) 449-5665
CA Fish & Game Representative	Charlie Huang	CAL Fish & Game	1700 K St., Rm. 250, P.O. Box 944204 Sacramento, CA 94244-2090 E-mail: chuang@ospr.dfg.ca.gov	(916) 324-9805	
CIWMB	Gino Yekta	CIWMB	1001 "I" Street, PO Box 4025 Sacramento, CA 95812-4025 E-mail: gyekta@ciwmb.ca.gov	(916) 341-6354	(916) 319-7306
NOAA Representative	Laurie Sullivan	NOAA C/O EPA	75 Hawthorne St. San Francisco, CA 94105-3901 E-mail: laurie.sullivan@hazmat.noaa.gov	(415) 972-3210	
Environmental Contaminants Division (Biologist)	Dan Welsh	US Fish & Wildlife	2800 Cottage Way, Suite W-2605 Sacramento, CA 95825-1846 E-mail:	(916) 414-6591	(916) 414-6713
CITY, TREASURE ISLAND DEVELOPMENT AUTHORITY (TIDA) AND CONSULTANTS					
Developer	Kim Diamond	Lennar Urban	One California Street, Suite 2700 San Francisco, CA 94111 E-mail: kdiamond1000@yahoo.com	(415) 344-8852	
Consultant to Developer	Bill Carson	Terraphase Engineering Inc.	414 13th Street, Suite 400 Oakland, CA 94612 E-mail: william.carson@terrphase.com	(415) 388-8745	
Special Projects Specialist	Loraine Lee	John Stewart Company	One Avenue of the Palms, Bldg 1, Suite 168, Treasure Island, San Francisco, CA 94130-1807 E-mail: lorainelee@jsco.net	(415) 834-0211 X18	(415) 834-0210
Consultant to the City of San Francisco	Gary Foote	AMEC Geomatrix	2101 Webster Street, 12th Floor Oakland, CA 94612 E-mail: gary.foote@amec.com	(510) 663-4260	(510) 663-4141
Consultant to the City of San Francisco	Greg Brorby	Exponent	475 14th Street, Suite 400 Oakland, CA 94613 E-mail: gbrorby@exponent.com	(510) 268-5006	(510) 268-5099
Director of Treasure Island Operations	Mirian Saez	TIDA	One Avenue of the Palms, Bldg 1, 2nd Floor, Treasure Island, San Francisco, CA 94130-1807 E-mail: mirian.saez@sfgov.org	(415) 274-0660	(415) 274-0299

NAVSTA TI Project Team Contact List

Position	Name	Office Location	Address	Phone #	Fax #
CITY, TREASURE ISLAND DEVELOPMENT AUTHORITY (TIDA) AND CONSULTANTS (Continued)					
Asst. Project Manager for the Office of Economic and Workforce Development	Michael Tymoff	TIDA	Office of Economic and Workforce Development City Hall, Room 448 1 Dr. Carlton B. Goodlett Place San Francisco, CA 94102 E-mail: michael.tymoff@sfgov.org	(415) 554-7038	(415) 554-6018
TIDA Commission Secretary and Webmaster	Peter Summerville	TIDA	One Avenue of the Palms, Bldg 1, 2nd Floor, Treasure Island, San Francisco, CA 94130-1807 E-mail: peter.summerville@sfgov.org	(415) 274-0660	(415) 274-0299
TIDA Public Information Officer	Marianne Thompson	TIDA	One Avenue of the Palms, Bldg 1, 2nd Floor, Treasure Island, San Francisco, CA 94130-1807 E-mail: marianne.thompson@sfgov.org	(415) 274-0662 cell: (415) 559-9026	
CALIFORNIA DEPARTMENT OF TRANSPORTATION (CALTRANS)					
Project Manager	Charles Smith	Caltrans	Office of Environmental Engineering Mail Station 8C 111 Grand Ave, 14th Floor Oakland, CA 94612 E-mail: charles_smith@dot.ca.gov	(510) 286-5635	(510) 286-5642
SHAW GROUP					
Document Distribution - Concord	Nicole Wojcik	Shaw Group	4005 Port Chicago Highway Concord, CA 94520 E-mail: nicole.wojcik@shawgrp.com	(925) 288-2007	(925) 288-0888
Program Manager	John Baur	Shaw Group	4005 Port Chicago Highway Concord, CA 94520 E-mail: john.baur@shawgrp.com	(925) 288-2019 cell: (925) 382-3051	(925) 288-0888
CERCLA Program Project Manager / Installation Coordinator	Pete Bourgeois	Shaw Field Office	950 Avenue M, Bldg 570, Treasure Island San Francisco, CA 94130 E-mail: peter.bourgeois@shawgrp.com	(415) 277-6983 / (925) 288-2138 cell: (415) 760-5321	(415) 398-6879
Project Technical Lead	Barbara Matz	Shaw Field Office	950 Avenue M, Bldg 570, Treasure Island San Francisco, CA 94130 E-mail: barbara.matz@shawgrp.com	(415)-398-6547 X232/ (925) 288-2337 cell: (415) 713-8482	(925) 288-0888
Field Construction Supervisor	Derek Bohannon	Shaw Field Office	950 Avenue M, Bldg 570, Treasure Island San Francisco, CA 94130 E-mail: derek.bohannon@shawgrp.com	(415) 398-6547 X223	(415) 398-6879
Engineer/Health & Safety	Brian Holmgren	Shaw Field Office	950 Avenue M, Bldg 570, Treasure Island San Francisco, CA 94130 E-mail: brian.holmgren@shawgrp.com	(415) 398-6547 X231	(415) 398-6879
Petroleum Program Technical Lead	Neil Hey	Shaw Group	4005 Port Chicago Highway Concord, CA 94520 E-mail: neil.hey@shawgrp.com	(925) 288-2141	(925) 288-0888
Radiological Program Manager	John Hamm	Shaw Group	185 Berry Street San Francisco, CA 94107 E-mail: john.hamm@shawgrp.com	(415) 512-2409 cell: (505) 259-1232	(415) 512-2424
Project Radiation Safety Officer	Laura Tryboski	Shaw Field Office	950 Avenue M, Bldg 570, Treasure Island San Francisco, CA 94130 E-mail: laura.tryboski@shawgrp.com	(415) 398-6547 X239	(415) 398-6879

NAVSTA TI Project Team Contact List

Position	Name	Office Location	Address	Phone #	Fax #
SHAW GROUP (Continued)					
Document Distribution - San Diego	Tim Jones	Shaw Group	1230 Columbia St., Suite 1200 San Diego, CA 92132	(619) 533-7338	(619) 239-1238
		E-mail:	tim.jones@shawgrp.com		
Community Involvement Coordinator	Lisa Stahl	Shaw Group	9201 E. Dry Creek Road Centennial, CO 80112	(303) 741-7349	(303) 741-7322
		E-mail:	lisa.stahl@shawgrp.com		
TETRA TECH EM INC.					
Project Director	Marcie Rash	TtEMI	1999 Harrison Street, Suite 500 Oakland, CA 94612	(510) 302-6324	(510) 433-0830
		E-mail:	marcie.rash@tetrattech.com		
Lead Project Manager	Jessica Beck	TtEMI	1999 Harrison Street, Suite 500 Oakland, CA 94612	(510) 302-6235	(510) 433-0830
		E-mail:	jessica.beck@tetrattech.com		
Community Relations Lead	Tommie Jean Valmassy	TtEMI	1999 Harrison Street, Suite 500 Oakland, CA 94612	(510) 302-6232	(510) 433-0830
		E-mail:	tommiejean.valmassy@tetrattech.com		
Transfer and Disposal Lead	Dennis Kelly	TtEMI	1999 Harrison Street, Suite 500 Oakland, CA 94612	(510) 302-6334	(510) 433-0830
		E-mail:	dennis.kelly@tetrattech.com		
Project Manager/Senior	Victor Early	TtEMI	1999 Harrison Street, Suite 500 Oakland, CA 94612	(510) 302-6332	(510) 433-0830
		E-mail:	victor.early@tetrattech.com		
Project Manager	Jean Michaels	TtEMI	1999 Harrison Street, Suite 500 Oakland, CA 94612	(510) 302-6346	(510) 433-0830
		E-mail:	jean.michaels@tetrattech.com		
Project Manager	Katie Henry	TtEMI	1999 Harrison Street, Suite 500 Oakland, CA 94612	(510) 302-6298	(510) 433-0830
		E-mail:	katie.henry@tetrattech.com		
Project Manager	Yohji Ono	TtEMI	1999 Harrison Street, Suite 500 Oakland, CA 94612	(510) 302-6301	(510) 433-0830
		E-mail:	yohji.ono@tetrattech.com		
Lead Project Risk Assessor	Shirley Fu	TtEMI	518 17th Street, Suite 900 Denver, CO 80202	(303) 312-8890	(303) 295-2818
		E-mail:	shirley.fu@tetrattech.com		
Lead Project Statistician	Ray Bienert	TtEMI	1999 Harrison Street, Suite 500 Oakland, CA 94612	(510) 302-6296	(510) 433-0830
		E-mail:	ray.bienert@tetrattech.com		
Project Administrator	Quinn Johnson	TtEMI	1999 Harrison Street, Suite 500 Oakland, CA 94612	(510) 302-6347	(510) 433-0830
		E-mail:	quinn.johnson@tetrattech.com		
TETRA TECH EC INC.					
Project Manager	Brian Maidrand	TtECI	1230 Columbia St, Suite 750 San Diego, CA 92101	(619) 471-3570	(619) 234-8591
		E-mail:	brian.maidrand@tteci.com	cell: (619) 606-2544	
TREVET, INC.					
Project Manager	Greg Alyanakian	Trevet	9888 Carroll Centre Road, Suite 228 San Diego, CA 92126	(858) 578-8859	(858) 578-8693
		E-mail:	greg@trevetinc.com	cell: (858) 869-3110	

NAVSTA TI Project Team Contact List

Position	Name	Office Location	Address	Phone #	Fax #
SULLIVAN INTERNATIONAL GROUP, INC					
Project Manager	Mehrdad Javaherian	Sullivan	550 California Street, Suite 610 Sacramento Tower San Francisco, CA 94104 E-mail: mjavaherian@onesullivan.com	(415) 693-0971 cell: (415) 706-8935	(415) 693-0972
ENGINEERING/REMEDIATION RESOURCES GROUP (ERRG)					
Project Manager	Doug Bielskis	ERRG	4585 Pacheco Blvd, Suite 200 Martinez, CA 94553 E-mail: doug.bielskis@errg.com	(925) 839-2270 cell: (925) 383-6416	(925) 969-0751
Technical Lead	Phil Skorge	ERRG	4585 Pacheco Blvd, Suite 200 Martinez, CA 94553 E-mail: phil.skorge@errg.com	(925) 839-2266 cell: (714) 884-8176	(925) 969-0751
INNOVATIVE TECHNICAL SOLUTIONS, INC. (ITSI)					
Senior Project Manager	Arvind Acharya	ITSI	1485 Bayshore Blvd, Suite 355 San Francisco, CA 94124-3002 E-mail: aacharya@itsi.com	(415) 657-0346 cell: (510) 719-6858	(415) 657-0347
RESTORATION ADVISORY BOARD (RAB) MEMBERS					
	Saul Bloom	Arc Ecology	1331 Evans Avenue San Francisco, 94124-1705 E-mail: saulbloom@arcecology.org	(415) 643-1190	(415) 643-1149
	Nathan Brennan		118 Caselli Avenue San Francisco, CA 94114 E-mail: nathan.brennan@sbcglobal.net	(415) 252-1564	
	John F. Gee		6205 View Crest Dr. Oakland, CA 94619 E-mail: jgee@bart.gov		
	Chris Grasteit		1325-D Westside Dr San Francisco, CA 94130 E-mail: cgrasteit@esri.com	(415) 203-8603	
	Alice Pilram		302 Nimitz, Unit B San Francisco, CA 94130 E-mail: alicepilram@yahoo.com	(415) 391-2205	
	Douglas G. Ryan		1154 Washington Avenue Albany, CA 94706 E-mail: dougryan@earthlink.net	(510) 559-7850	
	Dale Smith		2935 Otis Street Berkeley, CA 94703 E-mail: dale2smith@yahoo.com	(510) 841-2115	

From: "Beck, Jessica" <Jessica.Beck@tetrattech.com>
To: zachary.edwards@navy.mil; Victor.Anderson@cdph.ca.gov; Tracy.Jue@cdph.ca...
Date: 8/2/2011 4:21 PM
Subject: TI BCT Meeting August 3rd at 10AM, Tetra Tech Offices, Oakland
Attachments: 1. Aug 2011 BCT Agenda.pdf; 2. Navy Funding Aug 2011.pdf; 4. BCTSite 12 8-3-2011.pdf; 5. Building 233 BCT 8-3-2011.pdf; 6. BCT Field activities8-3-2011.pdf; 7. BCT_SGHandout_Aug.pdf; 8. Aug 2011 DTS_BCT_Master.pdf; 9. Aug 2011 FS_BCT_Master.pdf; 10. TI_RAB_agenda155_draft_to_RAB_and_BCT.pdf; 11. TI CR Activities List for BCT 8.3.11.pdf; 12. Aug 2011 BCT Action Items.pdf; Treasure Island News August 2011.pdf; UPDATED TI Contact List_AUG_2011.pdf

Good afternoon, TI BCT -

In preparation for tomorrow's August 3rd, TI BCT meeting, the following files are attached:

- * Agenda
- * Navy Funding Priority List
- * Site 12 SWDA Field Efforts Presentation
- * Building 233 Presentation
- * Field Activities Presentation
- * Site 21 handout
- * Document Tracking Sheet and Field Schedule
- * Community Relations Activities List
- * Draft August RAB Meeting Agenda
- * Action Item List

Also attached is the updated TI BCT contact list, as well as the August TI Residents' Newsletter.

We will meet at Tetra Tech EMI, at 1999 Harrison Street, 5th Floor, at 10AM.

The BCT call-in information is:

Dial: 800-857-4419

Meeting #2011000

See you tomorrow!

Jessica A. Beck | Project Manager

Direct: 510.302.6235 | Main: 510.302.6300 | Fax: 510.433.0830

jessica.beck@tetrattech.com

Tetra Tech EM Inc.

1999 Harrison Street, Suite 500 | Oakland, CA 94612 | www.tetrattech.com

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AGENDA
NAVAL STATION TREASURE ISLAND
BRAC CLEANUP TEAM / REMEDIAL PROJECT MANAGERS MEETING

Date: Wednesday, August 3, 2011

Time: 10:00 a.m. to 12:00 p.m.

Place: Tetra Tech EMI, 1999 Harrison Street, Suite 500, Oakland, CA

Dial In: 800-857-4419

Meeting ID#: 2011000

10:00 – 10:05	Item: I. Opening: Goal:	Introductions, Meeting Guidelines, Agenda Review Facilitator Introduce all attendees, review guidelines, discuss changes to agenda or add 'Other Items'
10:05 – 10:10	Item: II. Opening: Goal: Process:	Approval of BCT Meeting Minutes James Sullivan Address BCT review comments on previous meeting minutes and approve ▪ BCT Discussion/question and answer ▪ LRA Check-in/question and answer ▪ Update and identify action items
10:10 – 10:15	Item: III. Opening: Goal: Process:	Navy and Organizational Updates Dave Clark / James Sullivan Provide updates on Navy budget, changes within the Navy organization, and other BCT organizational updates ▪ BCT Discussion/question and answer ▪ LRA Check-in/question and answer ▪ Update and identify action items
10:15 – 10:25	Item: IV. Opening: Goal: Process:	Transfer Update James Sullivan Provide summary status of Navy/TIDA transfer discussions and information on transfer related environmental tasks ▪ BCT Discussion/question and answer ▪ LRA Check-in/question and answer ▪ Update and identify action items
10:25 – 10:55	Item: V. Opening: Goal: Process:	Field Activities Tony Konzen / Pete Bourgeois / Danielle Janda Provide an update on field activities (Sites 12, 31/33, Building 233, 21, 24, and 32). ▪ BCT Discussion/question and answer ▪ LRA Check-in/question and answer ▪ Update and identify action items

AGENDA
NAVAL STATION TREASURE ISLAND
BRAC CLEANUP TEAM / REMEDIAL PROJECT MANAGERS MEETING

10:55 – 11:10	Item: VI. Opening: Goal: Process:	Upcoming Documents and Field Activities Dave Clark / Jessica Beck Identify upcoming documents and field activities ✓ Distribute document tracking sheet and field schedule and discuss items upcoming in the next month ▪ BCT Discussion/question and answer ▪ LRA Check-in/question and answer ▪ Update and identify action items
11:10 – 11:20	Item: VII. Opening: Goal: Process:	RAB Meeting Agenda / Community Relations Update James Sullivan Discuss outcome of previous RAB meeting, the draft agenda for the upcoming RAB meeting, and provide comrel updates ✓ Discuss any inquiries received from community members ▪ BCT Discussion/question and answer ▪ LRA Check-in/question and answer ▪ Update and identify action items
11:20 – 11:40	Item: VIII. Opening: Goal: Process:	Discuss Other Items BCT Members Discuss other items ✓ Identify other items ▪ BCT to identify other items for discussion ▪ BCT Discussion/question and answer ▪ LRA Check-in/question and answer ▪ Update and identify action items

AGENDA
NAVAL STATION TREASURE ISLAND
BRAC CLEANUP TEAM / REMEDIAL PROJECT MANAGERS MEETING

- 11:40 – 12:00 Item: **IX. Action Item Review / Other Meetings / Future BCT Agenda Items**
- Opening: James Sullivan
- Goal: Review action items, agree on agenda items for the next RPM/BCT meeting, and review scheduled upcoming meetings
- Process:
- ✓ Review action items
 - ✓ Review scheduled upcoming meetings
 - ✓ BCT to identify future agenda items
-
- BCT to identify other items for discussion
 - BCT Discussion/question and answer
 - LRA Check-in/question and answer
 - Update and identify action items

Future BCT / RPM Meetings:

September 7, 2011, Tetra Tech EM Inc., Oakland, California
October 5, 2011, Tetra Tech EM Inc., Oakland, California
November 2, Tetra Tech EM Inc., Oakland, California
December 7, 2011, Tetra Tech EM Inc., Oakland, California

Navy Funding/Project Priority Update for BCT Naval Station Treasure Island

(FY11 Funds – 1 Oct 2010 to 30 Sept 2011)

August 3, 2011

FY11 Funding Priority List:

1. Additional Site 31/33 radiological field work effort (awarded)



Naval Station Treasure Island Site 12

August 3, 2011 BCT Meeting



Site Documents

Site 12 Characterization and Final Status Survey Plan:

- On hold pending review of overall remediation strategy

Buildings 1123, 1319, & 1321 Demolition Work Instruction:

- Shaw submitted the Work Instruction to the Navy for review on 14 July. The Agencies will receive the Draft document for review August 2011.



Site 12 Steps Forward



- Shaw was not granted a reciprocity extension by the State as of July 12th. To facilitate continuation of fieldwork Shaw has partnered with a licensed subcontractor. Philotechnics has taken over the controls of the radiological site at TI.
- Shaw continues to seek a State license but will subcontract until the license has been granted.
- The weekly Public Health and Safety controls of the fence lines is continuing. This include dose rate surveys as well as fence repairs and visual inspections.

3



Bigelow Court Look Ahead



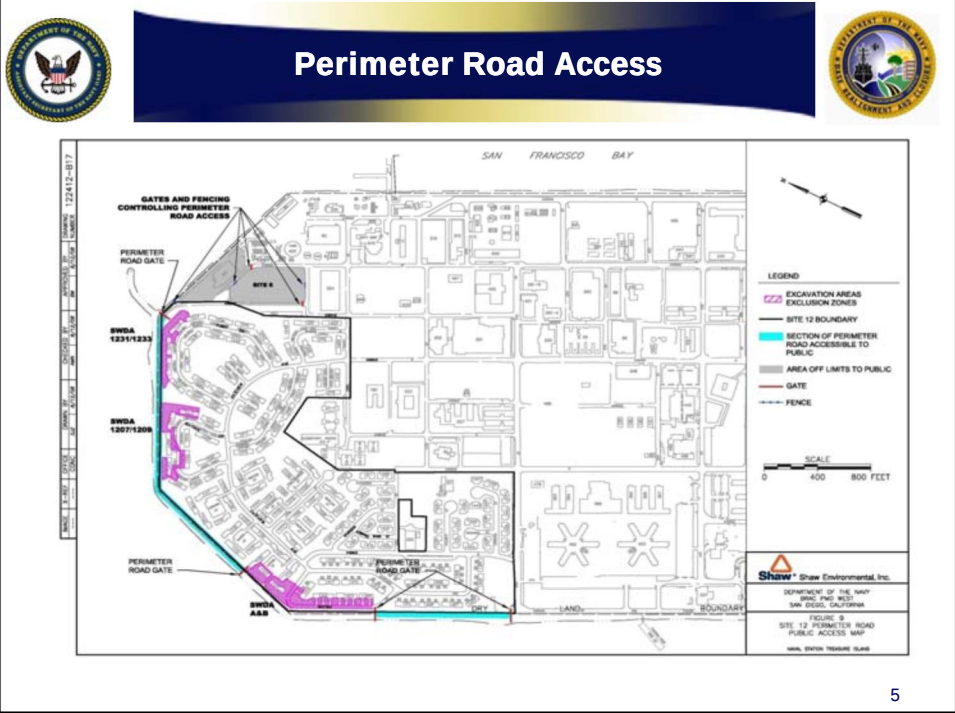
Work Plan:

- The Internal Draft Work Plan is currently in Navy review.

Field Mobilization:

- Field activities are expected to start early fall 2011.

4





Field Efforts Building 233

**August 3, 2011 BCT
Meeting**



Building 233

- **Shaw prepared and submitted (June 13, 2011) a debris disposal summary package to CDPH, which summarizes post remediation, radiological characterization of the building 233 debris for the State's review. The Navy is awaiting comments from the State.**
- **Shaw revised the Building 233 Work Plan for Characterization, Remediation, and Final Status Survey activities to address State comments and reorganize the document to include Characterization and Remediation Phases before completing the Final Status Survey. This document was submitted to the BRAC/RASO on the 15th of July. Will be distributed draft to the agencies August 2011.**



Footprint of Building 233





Naval Station Treasure Island Field Activities

August 3, 2011 BCT Meeting



Groundwater Monitoring at Sites 21, 24, and 32



- **Second quarter groundwater monitoring activities were completed on the 14th of July.**
- **Thirty five (35) wells will be sampled at Site 21. Fifty two (52) wells will be sampled at Site 24. Two (2) wells will be sampled at Site 32.**
- **The Third quarter sampling event will start in Late September/Early October.**
- **Results of the second Quarter sampling will be distributed to the BCT when all the results have been received.**



Site 24 Treatability Study



Phase 2 Treatability Report

- Draft document was sent to the agencies for review July 25, 2011

Phase 3 Work Plan

- The Draft Work Plans was sent to the agencies on June 7, 2011.
- Phase 3 work will address residual contamination along southern site boundary

3



Sites 21 and 24 Soil Gas Sampling



Sites 21 & 24

To address BCT comments regarding soil gas at the sites, the Navy will conduct Soil Gas sampling activities at Sites 21 and 24. Twenty six (26) locations at Site 21 and eight (8) locations at Site 24 are currently will be sampled

Site specific soil gas screening levels are under development for Site 21

Shaw submitted the Internal Draft Addendum to the Navy for review on June 13th. The Draft Plans will be submitted to the agencies August 2011.

4



Site 31 and 33 Steps Forward



- **Internal Draft Removal Action Work Plans were modified to include additional radiological characterization of planned excavations and the existing Site 31 stockpile. The Work Plans will be sent back to the Navy for review on August 4, 2011.**

5



Site 33 Explanation of Significant Differences



Final ESD was signed and distributed May 30th.

Public notice was placed in the SF Chronicle on August 1, 2011.

6



Moving Forward on IR Site 21



Site specific soil gas screening levels are in development and will be finished in August. IR Site 21 is part of the initial conveyance that is set for April 2012. In order to meet the closing conditions by this date, the Navy must move forward with the proposed plan and the ROD at Site 21.

SITE 21 SOIL GAS INFORMATION

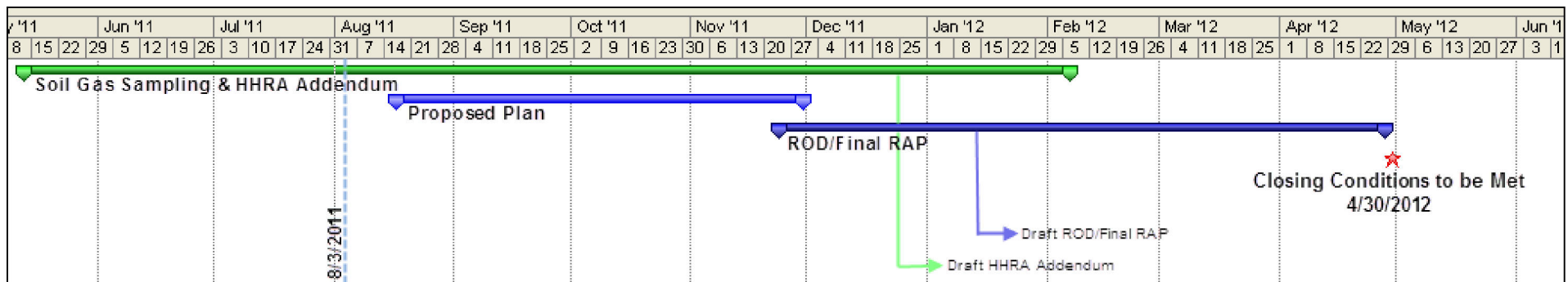
Comparison of Current Soil Gas Data to Values used in the Site 21 HHRA in 2007

	Maximum Soil Gas Detection	C _{source}	CHHSL
Tetrachloroethene	13,000 µg/m ³	68,800 µg/m ³	180 µg/m ³
Trichloroethene	2,300 µg/m ³	91,500 µg/m ³	528 µg/m ³
Vinyl Chloride	<70 µg/m ³	35,600 µg/m ³	13.3 µg/m ³

* VOCs listed are those that exceed the CHHSL

- Maximum Soil Gas Detection is from Preliminary Soil Gas Sample Results taken on 11/17, 11/18 and 12/15.
- C_{source} is from the Site 21 Remedial Investigation Human Health Risk Assessment that used groundwater concentrations to find C_{source} via Henry's Law.
- CHHSL denotes California Human Health Screening Levels, provided as Comparison Criteria with the Preliminary Soil Gas Sample Results.

SITE 21 SCHEDULE



**Naval Station Treasure Island
Environmental Cleanup Program
Document Tracking Sheet
August 2011 - January 2012**

			INTERNAL DRAFT				DRAFT							RTC			INTERNAL FINAL			FINAL							
Item	Document Title & Information	C/O/DO	Internal Draft Due to Navy	Navy Comments Due	Draft to Agencies	Agency Comments						Priority Level	Preliminary RTCs to Agencies	Resolve and Concur on RTCs	Internal Final to Navy	Navy Comments Due	Final to Agencies	Comments									
						Date Due	DTSC	WATER BOARD	EPA	TIDA	RAB								OTHER								
Shaw Group																											
	Site 32 Post Construction Summary Report for PCBs in Soil RPM: Danielle Janda PM: Pete Bourgeois	FZN1	05/11/10, 10/31/10	✓	02/21/11	✓	03/21/11	✓	04/20/11	✓		✓		✓			05/18/11	✓	06/22/11	✓	06/24/11	✓	07/05/11	✓	07/13/11	✓	DTSC (4/13), EPA (4/13), WB (4/15), RAB (4/25), TIDA (4/29)
1	Building 233 Characterization, Remediation and Final Status Survey Work Plan RPM: Anthony Konzen PM: Pete Bourgeois	O10	08/31/10, 09/30/10, 10/11/10, 03/11/11, 07/14/11	✓ ✓ ✓ ✓ ✓	11/25/10, 03/04/11, 03/16/11, 08/12/11	✓ ✓ ✓ ✓ ✓	08/26/11		09/23/11								10/05/11		10/12/11		10/19/11		10/26/11		11/02/11		
2	Site 24 Treatability Study Report (Phase II) RPM: Danielle Janda PM: Pete Bourgeois	FZN1	04/19/11	✓	05/04/11	✓	07/28/11	✓	08/29/11								09/17/11		10/01/11		10/15/11		10/22/11		10/29/11		Finalizing comments with Navy Technical and RPM.
3	Site 12 Characterization, Remediation and Final Status Survey Work Plan RPM: Anthony Konzen PM: Pete Bourgeois	O10	08/11/10, 10/27/10, 03/18/11	✓ ✓ ✓	TBD		TBD		TBD								TBD		TBD		TBD		TBD		TBD		Draft delayed pending site strategy discussion.
4	Sites 31/33 Remedial Action Work Plan (RAWP) RPM: Lora Battaglia PM: Pete Bourgeois	FZN9	10/15/10, 11/22/10, 01/10/11, 08/19/11	✓ ✓ ✓ ✓	10/29/10, 11/10/10, 09/02/11	✓ ✓ ✓ ✓	09/23/11		10/21/11								11/04/11		11/11/11		11/18/11		11/28/11		12/05/11		Rewriting RPP per MARSSIM guidelines; schedule will be accelerated when possible.
5	Site 12 Bigelow Court NTCRA Work Plan RPM: Anthony Konzen PM: Pete Bourgeois	FZN9	11/22/10, 12/23/10, 01/24/11	✓ ✓ ✓	12/14/10, 04/30/11, 08/01/11	✓ ✓ ✓	09/02/11		09/30/11								10/17/11		10/28/11		11/11/11		11/18/11		11/30/11		Final date dependent on comment durations
6	Site 24 Treatability Study Work Plan (Phase III) RPM: Danielle Janda PM: Pete Bourgeois	FZN1	03/23/11	✓	04/07/11	✓	06/06/11	✓	07/27/11	✓	✓	X	✓				08/17/11		08/31/11		09/07/11		09/14/11		09/21/11		EPA (6/16), WB (7/13), TIDA (7/27), DTSC
7	Sites 21/24 Soil Gas Investigation Work Plan RPM: Danielle Janda PM: Pete Bourgeois	:	06/13/11	✓	07/07/11	✓	08/19/11		09/09/11								09/22/11		09/29/11		10/06/11		10/13/11		10/20/11		Schedule will be accelerated when possible.
Tetra Tech EM Inc.																											
8	Site 24 PP/RAP RPM: Danielle Janda PM: Jean Michaels	FZND	01/28/11	✓	TBD		TBD		TBD								TBD		TBD		TBD		TBD		TBD		On hold pending results of Phase III treatability study.
9	Finding of Suitability to Transfer (FOST) 3 RPM: David Clark PM: Marcie Rash	O01	08/09/10	✓	09/02/10	✓	09/28/10	✓	11/03/10	✓	✓	✓	✓				12/08/10	✓	01/05/11	✓	01/21/11	✓	02/02/11	✓	TBD		DTSC (10/26), EPA (11/1), WB (11/8), TIDA (11/2). Final document on hold pending discussions with the State.
	Island Times Newsletter #17 RPM: Jim Sullivan PM: Marcie Rash	O01	08/31/10	✓	04/05/11	✓	04/12/11	✓	04/26/11	✓	X	✓	✓				NA		NA		05/14/11	✓	07/09/11	✓	07/20/11	✓	DTSC (4/25), EPA (4/26), TIDA (4/29)

**Naval Station Treasure Island
Environmental Cleanup Program
Document Tracking Sheet
August 2011 - January 2012**

				INTERNAL DRAFT				DRAFT							RTC		INTERNAL FINAL			FINAL		
Item	Document Title & Information	CTO/DO	Internal Draft Due to Navy	Navy Comments Due	Draft to Agencies	Agency Comments						Priority Level	Preliminary RTCs to Agencies	Resolve and Concur on RTCs	Internal Final to Navy	Navy Comments Due	Final to Agencies	Comments				
						Date Due	DTSC	WATER BOARD	EPA	TIDA	RAB								OTHER			
Tetra Tech EM Inc. (Continued)																						
10	FOST Addendum (to 2006 TI/YBI documents)	001	04/22/11	✓	TBD	TBD	TBD							TBD		TBD	TBD	TBD	On hold pending discussions with State.			
	RPM: David Clark																					
	PM: Marcie Rash																					
11	2011 Site Management Plan (SMP)	001	03/24/11	✓	04/15/11	✓	04/27/11	✓	05/27/11	✓	X	X	✓			09/16/11	09/30/11	09/23/11	10/07/11	10/21/11	DTSC (5/3), TIDA (5/26), EPA (6/2)	
	RPM: David Clark																					
	PM: Marcie Rash																					
12	Site 32 PP/RAP	489	05/02/11	✓	05/16/11	✓	06/13/11	✓	07/11/11	✓	✓	X	✓			07/30/11	✓	08/12/11	08/19/11	08/26/11	09/02/11	DTSC (7/6, 7/14), WB (7/11), TIDA (7/13)
	RPM: Danielle Janda																					
	PM: Jean Michaels																					
13	Island Times Newsletter #18	001	10/13/11		10/27/11	11/06/11	11/20/11							11/30/11		NA	11/30/11	12/07/11	12/14/11			
	RPM: Jim Sullivan																					
	PM: Marcie Rash																					
Chadux Tetra Tech																						
14	Site 12 RI Report	049	03/02/11	✓	04/01/11	✓	06/10/11	✓	08/19/11							09/16/11		TBD	10/16/11	10/26/11	11/09/11	
	RPM: Anthony Konzen																					
	PM: Marcie Rash																					
15	Site 21 PP/RAP	083	04/09/10* 05/20/10**	✓ ✓	05/09/10* 11/12/10**	✓ ✓	12/16/10	✓	01/15/11	✓	✓	✓	✓			08/17/11		08/30/11	09/06/11	09/13/11	09/14/11	WB (12/28), TIDA/TICD (1/14), DTSC (1/14), RAB (1/16)
	RPM: Danielle Janda																					
	PM: Jean Michaels																					
16	Site 27 ROD/RAP	084	08/08/11* 09/21/11**		09/06/11* 10/21/11**	11/04/11	12/04/11							01/01/12		TBD	01/31/12	02/10/12	02/24/12		* Navy technical review ** Navy legal review	
	RPM: Lora Battaglia																					
	PM: Katie Henry																					
17	Well Decommissioning Letter Report	044	08/10/11		08/24/11	NA	NA							NA		NA	NA	NA	NA	09/20/11		
	RPM: Tony Konzen																					
	PM: Yohji Ono																					
Trevet																						
18	2010 Sites 6 & 12 Annual Groundwater Report	9002	02/23/11	✓	04/08/11	✓	05/11/11	✓	06/21/11	✓	✓	X	✓			08/04/11		TBD	08/08/11	08/15/11	08/22/11	EPA (6/2), DTSC (6/20), TIDA (7/5), WB (7/13)
	RPM: Tony Konzen																					
	PM: Greg Alyanakian																					
ERRG																						
19	Site 6 RI/FS Report	:	08/31/11		10/01/11	10/15/11	11/14/11									12/12/11		TBD	01/11/12	01/21/12	02/04/12	
	RPM: Tony Konzen																					
	PM: Phil Skorge																					
CH2M Hill and Kleinfelder																						
20	YF3 Add'l Soil/Groundwater Sampling Work Plan	X027	07/26/11		08/25/11	10/07/11	11/06/11									11/20/11		12/04/11	12/09/11	12/13/11	12/16/11	
	RPM: Danielle Janda																					
	PM: Eric Johansen																					

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			INTERNAL DRAFT		DRAFT							RTC		INTERNAL FINAL		FINAL		
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						Date Due	DTSC	WATER BOARD	EPA	TIDA	RAB							

✓ Production or review of document is complete.

X Received notification of no comments or comments deferred to other agency.

Grey shading indicates the document is finalized.

Blue shading indicates agency review comments are due within the next 30 days or are outstanding.

Yellow shading indicates documents that will be issued draft or final within the next 30 days.

Abbreviations:

Bldg = Building

CTO/DO = Contract task order/delivery order

DTSC = Department of Toxic Substances Control

EPA = U.S. Environmental Protection Agency

FS = Feasibility study

LUC = Land use covenant

NA = Not applicable

PCB = Polychlorinated biphenyls

PM = Project manager

PP = Proposed plan

RAP = Remedial action plan

RASO = Radiological Affairs Support Office

RI = Remedial investigation

ROD = Record of decision

RPM = Remedial project manager

SAP = Sampling and analysis plan

TBD = To be determined

TICD = Treasure Island Community Developers

TIDA = Treasure Island Development Authority

Water Board (WB) = Regional Water Quality Control Board

**Naval Station Treasure Island
Navy Field Schedule
August 2011 - January 2012**

Item	Activity & Investigation Area	DTS #	Field Dates		Navy RPM	CTO/DO	Project Manager	Field Team Lead	Complete
Shaw									
1	Non-Time Critical Removal Action Site 12	Doc NA	Start: Finish:	02/26/07 TBD	Tony Konzen (619) 532-0924	010	Tony Searls (509) 735-9736	Pete Bourgeois (415) 277-6983	
2	Site 31 Remedial Action Site 31	Doc 5	Start: Finish:	TBD TBD	Lora Battaglia (619) 532-0968	FZN9	Pete Bourgeois (415) 277-6983	Pete Bourgeois (415) 277-6983	
3	Building 233 Debris Screening / Final Status Survey Building 233	Doc 2	Start: Finish:	07/26/10 TBD	Tony Konzen (619) 532-0924	010	Tony Searls (509) 735-9736	Pete Bourgeois (415) 277-6983	
Trevet									
4	Site 6 3rd Quarter Groundwater Sampling Site 6	Doc NA	Start: Finish:	09/08/11 09/09/11	Tony Konzen (619) 532-0924	:	Matt Fuller (858) 578-8859	Matt Fuller (858) 578-8859	
5	Site 6 4th Quarter and Site 12 Semi-Annual Groundwater Sampling Sites 6 and 12	Doc NA	Start: Finish:	12/12/11 12/16/11	Tony Konzen (619) 532-0924	:	Matt Fuller (858) 578-8859	Matt Fuller (858) 578-8859	

Abbreviations:

CTO/DO Contract task order/delivery order
DTS # The number listed corresponds to the associated documentation listed on the Document Tracking Sheet.
NA Not applicable, there is no associated documentation listed on the DTS.
RPM Remedial project manager
TBD To be determined

✓ Field work is complete.

Yellow shading indicates field activities that will start or finish within the next 30 days.

Grey shading indicates field activities are complete.

Draft to RAB and BCT 08.03.11
NAVAL STATION TREASURE ISLAND
ENVIRONMENTAL RESTORATION ADVISORY BOARD MEETING
Tuesday, 16 August 2011
7:00 PM.
Casa de la Vista Building 271
Treasure Island
MEETING NO. 155

- 6:00 – 7:00 **Optional Site Tour** (meet at Casa de la Vista)
- 7:00 – 7:05 **Welcome Remarks and Introductions**
Lead: James Sullivan, Navy Co-Chair
- 7:05 – 7:10 **Public Comment and Announcements**
Lead: James Sullivan, Navy Co-Chair
- 7:10 – 7:15 **Treasure Island/Yerba Buena Island Property Transfer Update**
Lead: James Sullivan, Navy Co-Chair
- 7:15 – 7:25 **Field Activities and Access Update**
Lead: Pete Bourgeois, Shaw E & I
- 7:25 – 7:35 **Site 12 Draft Remedial Investigation (RI) Report Review Discussion**
(*comments due 8/19/11*)
Lead:
- 7:35 – 7:45 **Site 21 Draft Soil Gas Investigation Work Plan**
Lead:
- 7:45 – 7:55 **Site 24 Phase II Draft Treatability Study Report**
Lead:
- 7:55 – 8:05 **Upcoming Documents and Field Schedule**
Lead: Jessica Beck, Tetra Tech EMI
- 8:05 – 8:10 **RAB Meeting Minutes**
Lead: James Sullivan, Navy Co-Chair
- 8:10 – 8:15 **Co-Chair Announcements**
Lead: Alice Pilram, Community Co-Chair
- 8:15 – 8:20 **BRAC Cleanup Team Update**
Lead: James Sullivan, Navy Co-Chair
- 8:20 – 8:25 **Other Public Comment and Announcements**
Lead: James Sullivan, Navy Co-Chair

8:25 – 8:30 **Future Meeting Agenda Items**
Lead: Navy and Community Co-Chairs

8:30 **Closing Remarks/End of Meeting**
Break/Informal Discussion for 30 minutes after the meeting
This is an opportunity to informally discuss issues

Next Regular Meetings: No September 2011 Meeting

7:00 pm Tuesday, 18 October 2011
Casa de la Vista, Treasure Island

No November 2011 Meeting

7:00 pm Tuesday, 20 December 2011
Casa de la Vista, Treasure Island

Next Treasure Island Citizen's Advisory Board (CAB): See the web site for latest dates and times for future meetings: <http://www.sfgov.org/treasureisland>

Next Interim RAB Community Member Conference Call: **(Last Tuesday of pre-RAB month)**

Tuesday, 27 September 2011, 7:00 pm.

Call-In Number: 1- 866-822-0121

Participant Code: 1122026

(Note: This same number will be used for future conference calls)

Next BCT/RPM/Project Team Meeting: 10:00 am. Wednesday 7 September 2011, Tetra Tech EMI, San Diego

Navy BRAC Web Site: <http://www.bracpmo.navy.mil> (click on map for Treasure Island)

Navy San Diego Office Address:
JAMES B. SULLIVAN
DEPARTMENT OF THE NAVY
BASE REALIGNMENT AND CLOSURE
PROGRAM MANAGEMENT OFFICE WEST
1455 FRAZEE ROAD, SUITE 900
SAN DIEGO, CA 92108-4310

NAVSTA TI Community Relations Activities/Items

Activity/Item			Schedule	Status
1	General Environmental Fact Sheet Volume 6		Wednesday, August 31, 2011	In progress
		Will be posted on the Navy's website and made available at public meetings	Submitting to BCT for review 8/3/11	
2	Site 21 Proposed Plan/Draft Remedial Action Plan		September 2011	Tentative
		Final document will be mailed to the full community mailing list, public meeting will be held, and document availability and public meeting will be announced in the newspaper	See Document Tracking Sheet for full schedule	
3	Site 32 Proposed Plan/Draft Remedial Action Plan		September 2011	In progress
		Final document will be mailed to the full community mailing list, public meeting will be held, and document availability and public meeting will be announced in the newspaper	See Document Tracking Sheet for full schedule	
4	Island Times No. 18 Winter 2011/2012 Newsletter		December 2011	
		General topics of interest including current projects and highlights of accomplishments. Looking for a team member to be the profilee for this edition!		
	Remaining RAB Meetings in 2011:			
	155	Tuesday, August 16, 2011 (Pre-RAB tour)		
	156	Tuesday, October 18, 2011		
	157	Tuesday, December 20, 2011		

TREASURE ISLAND BCT ACTION ITEMS
August 3, 2011

Item	Action Item	Lead	Due Date	Revised Due Date	Completed	Comments
TRANSFER / SITEWIDE						
	Navy to confirm the publishing date of the Site 33 ESD in the San Francisco Chronicle to the BCT.	Navy <i>Lora Battaglia</i>	07/07/11		08/01/11	As requested at the June 2011 BCT meeting. The notice is scheduled to run in the <i>San Francisco Chronicle</i> on Monday, August 1, 2011.
1	Navy to clarify the FOST 4 scope and schedule.	Navy <i>Dave Clark</i>	04/06/11	TBD		As requested at the March 2011 BCT meeting.
2	Navy to provide an update on the status of the discussion between the Navy and State counsel, as well as the City of San Francisco and the developer regarding the LUCs.	Navy <i>Jim Sullivan</i>	07/07/11	TBD		As requested at the June 2011 BCT meeting.
RADIOLOGICAL						
	Navy to resolve technical issues of the portal with CDPH and Mr. Taibi will provide Mr. Sullivan his link to the portal.	Navy <i>Jim Sullivan</i>	06/01/11		06/21/11	As requested at the June 2011 BCT meeting.
	Shaw will confirm Ms. Sunga received a copy of the Building 233 data package.	Shaw <i>Pete Bourgeois</i>	08/03/11		07/07/11	As requested at the July 2011 BCT meeting.
	Navy will follow up with Shaw to obtain letter from sent by the Nuclear Regulatory Commission.	Navy <i>Jim Sullivan</i>	07/08/11		07/07/11	As requested at the July 2011 BCT meeting.
3	Navy to schedule a technical meeting with CDPH regarding the thorium results.	Navy <i>Jim Sullivan</i>	06/01/11	TBD		As requested at the June 2011 BCT meeting.
4	Mr. Forrer to provide a figure of the scans performed by CDPH.	CDPH <i>Gene Forrer</i>	06/01/11	08/03/11		As requested at the June 2011 BCT meeting.
5	Mr. Forrer will follow up with Mr. Lavelly and Mr. Prendergast regarding the review of the Building 233 data package.	CDPH <i>Gene Forrer</i>	08/03/11			As requested at the July 2011 BCT meeting.
MISCELLANEOUS						
6	Navy will distribute the updated contact list to the BCT.	Navy <i>Jim Sullivan</i>	08/03/11			As requested at the July 2011 BCT meeting.

Notes:

BCT Base Realignment and Closure Cleanup Team
 CDPH California Department of Public Health
 DTSC Department of Toxic Substances Control
 ESD Explanation of significant differences

FOST Finding of Suitability to Transfer
 LUC Land use covenant
 RTC Response to comments
 TBD To be determined



FOR YOUTH DEVELOPMENT
FOR HEALTHY LIVING
FOR SOCIAL RESPONSIBILITY

GET MORE FROM YOUR WORKOUT

Group Exercise
TREASURE ISLAND YMCA

20 Minute Cardio Class
Wednesday
6:30pm-6:50pm
Open to all fitness levels
Free

For more info contact:
Megan Leonard, TI Coordinator
E: mlonard@ymcasf.org
P: 415 765 9037



NAVSTA TI Project Team Contact List

Position	Name	Office Location	Address	Phone #	Fax #
NAVY					
Base Closure Manager	John Hill	BRAC PMO West	1455 Frazee Road Suite 900 San Diego, CA 92108-4310 <u>E-mail:</u> john.m.hill@navy.mil	(619) 532-0985	(619) 532-0983
Deputy Base Closure Manager	Deb Theroux	BRAC PMO West	1455 Frazee Road Suite 900 San Diego, CA 92108-4310 <u>E-mail:</u> debra.theroux@navy.mil	(619) 532-0919	(619) 532-0983
BRAC Environmental Coordinator	James Sullivan	BRAC PMO West	1455 Frazee Road Suite 900 San Diego, CA 92108-4310 <u>E-mail:</u> james.b.sullivan2@navy.mil	(619) 532-0966	(619) 532-0983
Environmental BLTL	Pat Brooks	BRAC PMO West	1455 Frazee Road Suite 900 San Diego, CA 92108-4310 <u>E-mail:</u> george.brooks@navy.mil	(619) 532-0953	(619) 532-0983
BRAC Lead RPM	Dave Clark	BRAC PMO West	1455 Frazee Road Suite 900 San Diego, CA 92108-4310 <u>E-mail:</u> david.j.clark2@navy.mil	(619) 532-0973	(619) 532-0983
BRAC RPM	Tony Konzen	BRAC PMO West	1455 Frazee Road Suite 900 San Diego, CA 92108-4310 <u>E-mail:</u> anthony.konzen.ctr@navy.mil	(619) 532-0924	(619) 532-0983
BRAC RPM	Lora Battaglia	BRAC PMO West	1455 Frazee Road Suite 900 San Diego, CA 92108-4310 <u>E-mail:</u> lora.battaglia.ctr@navy.mil	(619) 532-0968	(619) 532-0983
BRAC RPM	Danielle Janda	BRAC PMO West	1455 Frazee Road Suite 900 San Diego, CA 92108-4310 <u>E-mail:</u> danielle.janda@navy.mil	(619) 532-0796	(619) 532-0983
Disposal Project Manager	An Bui	BRAC PMO West	1455 Frazee Road Suite 900 San Diego, CA 92108-4310 <u>E-mail:</u> an.bui@navy.mil	(619) 532-0958	(619) 532-0983
Realty Specialist	Beth Larson	BRAC PMO West	1455 Frazee Road Suite 900 San Diego, CA 92108-4310 <u>E-mail:</u> elizabeth.larson@navy.mil	(619) 532-0788	(619) 532-0983
Supervisory Contract Specialist	Charles DePew	BRAC PMO West	1455 Frazee Road Suite 900 San Diego, CA 92108-4310 <u>E-mail:</u> charles.depew@navy.mil	(619) 532-0764	(619) 532-0983
BRAC Legal Counsel	Marvin Norman	Treasure Island	Navy BRAC PMOW CSO One Avenue of the Palms, Bldg 1, Suite 161, Treasure Island, San Francisco, CA 94130-1807 <u>E-mail:</u> marvin.norman@navy.mil	(415) 743-4727	(415) 743-4700
SWDIV QA Officer	Narciso Ancog	NAVFAC SW	1220 Pacific Highway, San Diego, CA 92132-5190 <u>E-mail:</u> narciso.ancog@navy.mil	(619) 532-3046	(619) 532-2607
CSO Team Leader	Patricia McFadden	Treasure Island	Navy BRAC PMOW CSO One Avenue of the Palms, Bldg 1, Suite 161, Treasure Island, San Francisco, CA 94130-1807 <u>E-mail:</u> patricia.a.mcfadden@navy.mil	(415) 743-4720	(415) 743-4700
Environmental Compliance Manager	Michael Mentink	Treasure Island	Navy BRAC PMOW CSO One Avenue of the Palms, Bldg 1, Suite 161, Treasure Island, San Francisco, CA 94130-1807 <u>E-mail:</u> michael.mentink@navy.mil	(415) 743-4729	(415) 743-4700
ROICC Supervisor	Franklin Fernandez	ROICC SF Bay	ROICC SF Bay Area 2450 Saratoga St., Bldg 114, Ste 200 Alameda, CA 94501-7545 <u>E-mail:</u> franklin.d.fernandez@navy.mil	(510) 521-8682	(510) 521-8622
				cell: (510) 755-5877	

NAVSTA TI Project Team Contact List

Position	Name	Office Location	Address	Phone #	Fax #
NAVY (Continued)					
ROICC	Izzat Amadea	ROICC SF Bay	ROICC SF Bay Area 2450 Saratoga St., Bldg 114, Ste 200 Alameda, CA 94501-7545 E-mail: izzat.amadea@navy.mil	(510) 521-8702 cell: (510) 755-5876	(510) 521-8622
Contract Specialist	Karen Barba	BRAC PMO West	1455 Frazee Road Suite 900 San Diego, CA 92108-4310 E-mail: karen.barba@navy.mil	(619) 532-0786	(619) 532-0780
Contract Specialist	Cindy Mafara	BRAC PMO West	1455 Frazee Road Suite 900 San Diego, CA 92108-4310 E-mail: cynthia.mafara@navy.mil	(619) 532-0978	(619) 532-0983
Radiological Affairs Support Office (RASO)	Laurie Lowman	NAVSEADET RASO	P.O. Drawer 260, Building 1971 NWS Yorktown, VA 23691-0260 E-mail: laurie.lowman@navy.mil	(757) 887-7650 Cell: (202) 520-4266	(757) 887-3235
Radiological Affairs Support Office (RASO)	Zachary Edwards	NAVSEADET RASO	P.O. Drawer 260, Building 1971 NWS Yorktown, VA 23691-0260 E-mail: zachary.edwards@navy.mil	(757) 887-7762	(757) 887-3235
REGULATORS					
DTSC Representative	Remedios (Medi) Sunga	CAL/EPA DTSC	700 Heinz Avenue, Suite 200 Berkeley, CA 94710 E-mail: rsunga@dtsc.ca.gov	(510) 540-3840	(510) 540-3819
DTSC Representative	Ryan Miya	CAL/EPA DTSC	700 Heinz Avenue, Suite 200 Berkeley, CA 94710 E-mail: rmiya@dtsc.ca.gov	(510) 540-3775	(510) 540-3819
DTSC Toxicologist	Brian Davis	CAL/EPA DTSC	8800 Cal Center Drive Sacramento, CA 95826 E-mail: bdavis@dtsc.ca.gov	(916) 255-6632	(916) 255-6694
Berkeley Office, Cleanup Operations Performance Manager	Barbara Cook	CAL/EPA DTSC	700 Heinz Avenue, Suite 200 Berkeley, CA 94710 E-mail: bcook@dtsc.ca.gov	(510) 540-3843	(510) 540-3819
DTSC Unit Chief / Representative	Denise Tsuji	CAL/EPA DTSC	700 Heinz Avenue, Suite 200 Berkeley, CA 94710 E-mail: dttsuji@dtsc.ca.gov	(510) 540-3824	(510) 540-3819
DTSC Toxicologist	Jim Polisini	CAL/EPA DTSC	Chatsworth Field Office 9211 Oakdale Avenue Chatsworth, 91311-6505 E-mail: jpolisini@dtsc.ca.gov	(818) 717-6593	(818) 717-6515
DTSC Public Relations	Radhika Majhail	CAL/EPA DTSC	8800 Cal Center Drive Sacramento CA 95826 E-mail: rmajhail@dtsc.ca.gov	(916) 255-6681	
US EPA Representative	Melinda M. Garvey	US EPA Region IX	75 Hawthorne St., SFD-8-3 San Francisco, CA 94105-3901 E-mail: garvey.melinda@epa.gov	(415) 947-4184	(415) 947-3520
US EPA Toxicologist	Gerald Hiatt	US EPA Region IX	75 Hawthorne St., SFD-8-B San Francisco, CA 94105-3901 E-mail: hiatt.gerald@epa.gov	(415) 972-3064	(415) 947-3528
US EPA Legal Counsel	Karen Goldberg	US EPA Region IX	75 Hawthorne St., ORC-3 San Francisco, CA 94105-3901 E-mail: goldberg.karen@epa.gov	(415) 972-3951	
San Francisco Bay Regional Water Quality Control Board	Ross Steenson	Water Board	1515 Clay Street, Suite 1400 Oakland, CA 94612 E-mail: rsteenson@waterboards.ca.gov	(510) 622-2445	(510) 622-2460
San Francisco Bay Regional Water Quality Control Board	Alec Naugle	Water Board	1515 Clay Street, Suite 1400 Oakland, CA 94612 E-mail: anaugle@waterboards.ca.gov	(510) 622-2510	(510) 622-2460

NAVSTA TI Project Team Contact List

Position	Name	Office Location	Address	Phone #	Fax #
REGULATORS (Continued)					
CA Department of Public Health (CDPH), Division of Drinking Water and Environmental	Tracy Jue	CDPH	Health Physicist State of California Environmental Health Branch P.O. Box 997377, MS 7405 Sacramento, CA 95899-7377 E-mail: tracy.jue@cdph.ca.gov	(916) 324-4804	(916) 449-5665
CDPH	Guy Taibi	CDPH	State of California Environmental Health Branch P.O. Box 997377, MS 7405 Sacramento, CA 95899-7377 E-mail: guy.taibi@cdph.ca.gov	(916) 322-5769 cell: (916) 870-2473	(916) 449-5665
CDPH	Larry Morgan	CDPH	State of California Environmental Health Branch P.O. Box 997377, MS 7405 Sacramento, CA 95899-7377 E-mail: larry.morgan@cdph.ca.gov	(916) 319-9651	(916) 449-5665
CA Fish & Game Representative	Charlie Huang	CAL Fish & Game	1700 K St., Rm. 250, P.O. Box 944204 Sacramento, CA 94244-2090 E-mail: chuang@ospr.dfg.ca.gov	(916) 324-9805	
CIWMB	Gino Yekta	CIWMB	1001 "I" Street, PO Box 4025 Sacramento, CA 95812-4025 E-mail: gyekta@ciwmb.ca.gov	(916) 341-6354	(916) 319-7306
NOAA Representative	Laurie Sullivan	NOAA C/O EPA	75 Hawthorne St. San Francisco, CA 94105-3901 E-mail: laurie.sullivan@hazmat.noaa.gov	(415) 972-3210	
Environmental Contaminants Division (Biologist)	Dan Welsh	US Fish & Wildlife	2800 Cottage Way, Suite W-2605 Sacramento, CA 95825-1846 E-mail:	(916) 414-6591	(916) 414-6713
CITY, TREASURE ISLAND DEVELOPMENT AUTHORITY (TIDA) AND CONSULTANTS					
Developer	Kim Diamond	Lennar Urban	One California Street, Suite 2700 San Francisco, CA 94111 E-mail: kdiamond1000@yahoo.com	(415) 344-8852	
Consultant to Developer	Bill Carson	Terraphase Engineering Inc.	414 13th Street, Suite 400 Oakland, CA 94612 E-mail: william.carson@terrphase.com	(415) 388-8745	
Special Projects Specialist	Loraine Lee	John Stewart Company	One Avenue of the Palms, Bldg 1, Suite 168, Treasure Island, San Francisco, CA 94130-1807 E-mail: lorainelee@jsco.net	(415) 834-0211 X18	(415) 834-0210
Consultant to the City of San Francisco	Gary Foote	AMEC Geomatrix	2101 Webster Street, 12th Floor Oakland, CA 94612 E-mail: gary.foote@amec.com	(510) 663-4260	(510) 663-4141
Consultant to the City of San Francisco	Greg Brorby	Exponent	475 14th Street, Suite 400 Oakland, CA 94613 E-mail: gbrorby@exponent.com	(510) 268-5006	(510) 268-5099
Director of Treasure Island Operations	Mirian Saez	TIDA	One Avenue of the Palms, Bldg 1, 2nd Floor, Treasure Island, San Francisco, CA 94130-1807 E-mail: mirian.saez@sfgov.org	(415) 274-0660	(415) 274-0299

NAVSTA TI Project Team Contact List

Position	Name	Office Location	Address	Phone #	Fax #
CITY, TREASURE ISLAND DEVELOPMENT AUTHORITY (TIDA) AND CONSULTANTS (Continued)					
Asst. Project Manager for the Office of Economic and Workforce Development	Michael Tymoff	TIDA	Office of Economic and Workforce Development City Hall, Room 448 1 Dr. Carlton B. Goodlett Place San Francisco, CA 94102 E-mail: michael.tymoff@sfgov.org	(415) 554-7038	(415) 554-6018
TIDA Commission Secretary and Webmaster	Peter Summerville	TIDA	One Avenue of the Palms, Bldg 1, 2nd Floor, Treasure Island, San Francisco, CA 94130-1807 E-mail: peter.summerville@sfgov.org	(415) 274-0660	(415) 274-0299
TIDA Public Information Officer	Marianne Thompson	TIDA	One Avenue of the Palms, Bldg 1, 2nd Floor, Treasure Island, San Francisco, CA 94130-1807 E-mail: marianne.thompson@sfgov.org	(415) 274-0662 cell: (415) 559-9026	
CALIFORNIA DEPARTMENT OF TRANSPORTATION (CALTRANS)					
Project Manager	Charles Smith	Caltrans	Office of Environmental Engineering Mail Station 8C 111 Grand Ave, 14th Floor Oakland, CA 94612 E-mail: charles_smith@dot.ca.gov	(510) 286-5635	(510) 286-5642
SHAW GROUP					
Document Distribution - Concord	Nicole Wojcik	Shaw Group	4005 Port Chicago Highway Concord, CA 94520 E-mail: nicole.wojcik@shawgrp.com	(925) 288-2007	(925) 288-0888
Program Manager	John Baur	Shaw Group	4005 Port Chicago Highway Concord, CA 94520 E-mail: john.baur@shawgrp.com	(925) 288-2019 cell: (925) 382-3051	(925) 288-0888
CERCLA Program Project Manager / Installation Coordinator	Pete Bourgeois	Shaw Field Office	950 Avenue M, Bldg 570, Treasure Island San Francisco, CA 94130 E-mail: peter.bourgeois@shawgrp.com	(415) 277-6983 / (925) 288-2138 cell: (415) 760-5321	(415) 398-6879
Project Technical Lead	Barbara Matz	Shaw Field Office	950 Avenue M, Bldg 570, Treasure Island San Francisco, CA 94130 E-mail: barbara.matz@shawgrp.com	(415)-398-6547 X232/ (925) 288-2337 cell: (415) 713-8482	(925) 288-0888
Field Construction Supervisor	Derek Bohannon	Shaw Field Office	950 Avenue M, Bldg 570, Treasure Island San Francisco, CA 94130 E-mail: derek.bohannon@shawgrp.com	(415) 398-6547 X223	(415) 398-6879
Engineer/Health & Safety	Brian Holmgren	Shaw Field Office	950 Avenue M, Bldg 570, Treasure Island San Francisco, CA 94130 E-mail: brian.holmgren@shawgrp.com	(415) 398-6547 X231	(415) 398-6879
Petroleum Program Technical Lead	Neil Hey	Shaw Group	4005 Port Chicago Highway Concord, CA 94520 E-mail: neil.hey@shawgrp.com	(925) 288-2141	(925) 288-0888
Radiological Program Manager	John Hamm	Shaw Group	185 Berry Street San Francisco, CA 94107 E-mail: john.hamm@shawgrp.com	(415) 512-2409 cell: (505) 259-1232	(415) 512-2424
Project Radiation Safety Officer	Laura Tryboski	Shaw Field Office	950 Avenue M, Bldg 570, Treasure Island San Francisco, CA 94130 E-mail: laura.tryboski@shawgrp.com	(415) 398-6547 X239	(415) 398-6879

NAVSTA TI Project Team Contact List

Position	Name	Office Location	Address	Phone #	Fax #
SHAW GROUP (Continued)					
Document Distribution - San Diego	Tim Jones	Shaw Group	1230 Columbia St., Suite 1200 San Diego, CA 92132	(619) 533-7338	(619) 239-1238
		E-mail:	tim.jones@shawgrp.com		
Community Involvement Coordinator	Lisa Stahl	Shaw Group	9201 E. Dry Creek Road Centennial, CO 80112	(303) 741-7349	(303) 741-7322
		E-mail:	lisa.stahl@shawgrp.com		
TETRA TECH EM INC.					
Project Director	Marcie Rash	TtEMI	1999 Harrison Street, Suite 500 Oakland, CA 94612	(510) 302-6324	(510) 433-0830
		E-mail:	marcie.rash@tetrattech.com		
Lead Project Manager	Jessica Beck	TtEMI	1999 Harrison Street, Suite 500 Oakland, CA 94612	(510) 302-6235	(510) 433-0830
		E-mail:	jessica.beck@tetrattech.com		
Community Relations Lead	Tommie Jean Valmassy	TtEMI	1999 Harrison Street, Suite 500 Oakland, CA 94612	(510) 302-6232	(510) 433-0830
		E-mail:	tommiejean.valmassy@tetrattech.com		
Transfer and Disposal Lead	Dennis Kelly	TtEMI	1999 Harrison Street, Suite 500 Oakland, CA 94612	(510) 302-6334	(510) 433-0830
		E-mail:	dennis.kelly@tetrattech.com		
Project Manager/Senior	Victor Early	TtEMI	1999 Harrison Street, Suite 500 Oakland, CA 94612	(510) 302-6332	(510) 433-0830
		E-mail:	victor.early@tetrattech.com		
Project Manager	Jean Michaels	TtEMI	1999 Harrison Street, Suite 500 Oakland, CA 94612	(510) 302-6346	(510) 433-0830
		E-mail:	jean.michaels@tetrattech.com		
Project Manager	Katie Henry	TtEMI	1999 Harrison Street, Suite 500 Oakland, CA 94612	(510) 302-6298	(510) 433-0830
		E-mail:	katie.henry@tetrattech.com		
Project Manager	Yohji Ono	TtEMI	1999 Harrison Street, Suite 500 Oakland, CA 94612	(510) 302-6301	(510) 433-0830
		E-mail:	yohji.ono@tetrattech.com		
Lead Project Risk Assessor	Shirley Fu	TtEMI	518 17th Street, Suite 900 Denver, CO 80202	(303) 312-8890	(303) 295-2818
		E-mail:	shirley.fu@tetrattech.com		
Lead Project Statistician	Ray Bienert	TtEMI	1999 Harrison Street, Suite 500 Oakland, CA 94612	(510) 302-6296	(510) 433-0830
		E-mail:	ray.bienert@tetrattech.com		
Project Administrator	Quinn Johnson	TtEMI	1999 Harrison Street, Suite 500 Oakland, CA 94612	(510) 302-6347	(510) 433-0830
		E-mail:	quinn.johnson@tetrattech.com		
TETRA TECH EC INC.					
Project Manager	Brian Maidrand	TtECI	1230 Columbia St, Suite 750 San Diego, CA 92101	(619) 471-3570	(619) 234-8591
		E-mail:	brian.maidrand@tteci.com	cell: (619) 606-2544	
TREVET, INC.					
Project Manager	Greg Alyanakian	Trevet	9888 Carroll Centre Road, Suite 228 San Diego, CA 92126	(858) 578-8859	(858) 578-8693
		E-mail:	greg@trevetinc.com	cell: (858) 869-3110	

NAVSTA TI Project Team Contact List

Position	Name	Office Location	Address	Phone #	Fax #
SULLIVAN INTERNATIONAL GROUP, INC					
Project Manager	Mehrdad Javaherian	Sullivan	550 California Street, Suite 610 Sacramento Tower San Francisco, CA 94104	(415) 693-0971	(415) 693-0972
		E-mail:	mjavaherian@onesullivan.com	cell: (415) 706-8935	
ENGINEERING/REMEDIATION RESOURCES GROUP (ERRG)					
Project Manager	Doug Bielskis	ERRG	4585 Pacheco Blvd, Suite 200 Martinez, CA 94553	(925) 839-2270	(925) 969-0751
		E-mail:	doug.bielskis@errg.com	cell: (925) 383-6416	
Technical Lead	Phil Skorge	ERRG	4585 Pacheco Blvd, Suite 200 Martinez, CA 94553	(925) 839-2266	(925) 969-0751
		E-mail:	phil.skorge@errg.com	cell: (714) 884-8176	
INNOVATIVE TECHNICAL SOLUTIONS, INC. (ITSI)					
Senior Project Manager	Arvind Acharya	ITSI	1485 Bayshore Blvd, Suite 355 San Francisco, CA 94124-3002	(415) 657-0346	(415) 657-0347
		E-mail:	aacharya@itsi.com	cell: (510) 719-6858	
RESTORATION ADVISORY BOARD (RAB) MEMBERS					
	Saul Bloom	Arc Ecology	1331 Evans Avenue San Francisco, 94124-1705	(415) 643-1190	(415) 643-1149
		E-mail:	saulbloom@arcecology.org		
	Nathan Brennan		118 Caselli Avenue San Francisco, CA 94114	(415) 252-1564	
		E-mail:	nathan.brennan@sbcglobal.net		
	John F. Gee		6205 View Crest Dr. Oakland, CA 94619		
		E-mail:	jgee@bart.gov		
	Chris Grasteit		1325-D Westside Dr San Francisco, CA 94130	(415) 203-8603	
		E-mail:	cgrasteit@esri.com		
	Alice Pilram		302 Nimitz, Unit B San Francisco, CA 94130	(415) 391-2205	
		E-mail:	alicepilram@yahoo.com		
	Douglas G. Ryan		1154 Washington Avenue Albany, CA 94706	(510) 559-7850	
		E-mail:	dougryan@earthlink.net		
	Dale Smith		2935 Otis Street Berkeley, CA 94703	(510) 841-2115	
		E-mail:	dale2smith@yahoo.com		

From: "Beck, Jessica" <Jessica.Beck@tetrattech.com>
To: zachary.edwards@navy.mil; Victor.Anderson@cdph.ca.gov; Tracy.Jue@cdph.ca...
Date: 8/2/2011 4:21 PM
Subject: TI BCT Meeting August 3rd at 10AM, Tetra Tech Offices, Oakland
Attachments: 1. Aug 2011 BCT Agenda.pdf; 2. Navy Funding Aug 2011.pdf; 4. BCTSite 12 8-3-2011.pdf; 5. Building 233 BCT 8-3-2011.pdf; 6. BCT Field activities8-3-2011.pdf; 7. BCT_SGHandout_Aug.pdf; 8. Aug 2011 DTS_BCT_Master.pdf; 9. Aug 2011 FS_BCT_Master.pdf; 10. TI_RAB_agenda155_draft_to_RAB_and_BCT.pdf; 11. TI CR Activities List for BCT 8.3.11.pdf; 12. Aug 2011 BCT Action Items.pdf; Treasure Island News August 2011.pdf; UPDATED TI Contact List_AUG_2011.pdf

Good afternoon, TI BCT -

In preparation for tomorrow's August 3rd, TI BCT meeting, the following files are attached:

- * Agenda
- * Navy Funding Priority List
- * Site 12 SWDA Field Efforts Presentation
- * Building 233 Presentation
- * Field Activities Presentation
- * Site 21 handout
- * Document Tracking Sheet and Field Schedule
- * Community Relations Activities List
- * Draft August RAB Meeting Agenda
- * Action Item List

Also attached is the updated TI BCT contact list, as well as the August TI Residents' Newsletter.

We will meet at Tetra Tech EMI, at 1999 Harrison Street, 5th Floor, at 10AM.

The BCT call-in information is:

Dial: 800-857-4419

Meeting #2011000

See you tomorrow!

Jessica A. Beck | Project Manager
Direct: 510.302.6235 | Main: 510.302.6300 | Fax: 510.433.0830
jessica.beck@tetrattech.com

Tetra Tech EM Inc.
1999 Harrison Street, Suite 500 | Oakland, CA 94612 | www.tetrattech.com

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AGENDA
NAVAL STATION TREASURE ISLAND
BRAC CLEANUP TEAM / REMEDIAL PROJECT MANAGERS MEETING

Date: Wednesday, August 3, 2011

Time: 10:00 a.m. to 12:00 p.m.

Place: Tetra Tech EMI, 1999 Harrison Street, Suite 500, Oakland, CA

Dial In: 800-857-4419

Meeting ID#: 2011000

10:00 – 10:05	Item: I. Opening: Goal:	Introductions, Meeting Guidelines, Agenda Review Facilitator Introduce all attendees, review guidelines, discuss changes to agenda or add 'Other Items'
10:05 – 10:10	Item: II. Opening: Goal: Process:	Approval of BCT Meeting Minutes James Sullivan Address BCT review comments on previous meeting minutes and approve ▪ BCT Discussion/question and answer ▪ LRA Check-in/question and answer ▪ Update and identify action items
10:10 – 10:15	Item: III. Opening: Goal: Process:	Navy and Organizational Updates Dave Clark / James Sullivan Provide updates on Navy budget, changes within the Navy organization, and other BCT organizational updates ▪ BCT Discussion/question and answer ▪ LRA Check-in/question and answer ▪ Update and identify action items
10:15 – 10:25	Item: IV. Opening: Goal: Process:	Transfer Update James Sullivan Provide summary status of Navy/TIDA transfer discussions and information on transfer related environmental tasks ▪ BCT Discussion/question and answer ▪ LRA Check-in/question and answer ▪ Update and identify action items
10:25 – 10:55	Item: V. Opening: Goal: Process:	Field Activities Tony Konzen / Pete Bourgeois / Danielle Janda Provide an update on field activities (Sites 12, 31/33, Building 233, 21, 24, and 32). ▪ BCT Discussion/question and answer ▪ LRA Check-in/question and answer ▪ Update and identify action items

AGENDA
NAVAL STATION TREASURE ISLAND
BRAC CLEANUP TEAM / REMEDIAL PROJECT MANAGERS MEETING

10:55 – 11:10	Item: VI. Opening: Goal: Process:	Upcoming Documents and Field Activities Dave Clark / Jessica Beck Identify upcoming documents and field activities ✓ Distribute document tracking sheet and field schedule and discuss items upcoming in the next month ▪ BCT Discussion/question and answer ▪ LRA Check-in/question and answer ▪ Update and identify action items
11:10 – 11:20	Item: VII. Opening: Goal: Process:	RAB Meeting Agenda / Community Relations Update James Sullivan Discuss outcome of previous RAB meeting, the draft agenda for the upcoming RAB meeting, and provide comrel updates ✓ Discuss any inquiries received from community members ▪ BCT Discussion/question and answer ▪ LRA Check-in/question and answer ▪ Update and identify action items
11:20 – 11:40	Item: VIII. Opening: Goal: Process:	Discuss Other Items BCT Members Discuss other items ✓ Identify other items ▪ BCT to identify other items for discussion ▪ BCT Discussion/question and answer ▪ LRA Check-in/question and answer ▪ Update and identify action items

AGENDA
NAVAL STATION TREASURE ISLAND
BRAC CLEANUP TEAM / REMEDIAL PROJECT MANAGERS MEETING

- 11:40 – 12:00 Item: **IX. Action Item Review / Other Meetings / Future BCT Agenda Items**
- Opening: James Sullivan
- Goal: Review action items, agree on agenda items for the next RPM/BCT meeting, and review scheduled upcoming meetings
- Process:
- ✓ Review action items
 - ✓ Review scheduled upcoming meetings
 - ✓ BCT to identify future agenda items
-
- BCT to identify other items for discussion
 - BCT Discussion/question and answer
 - LRA Check-in/question and answer
 - Update and identify action items

Future BCT / RPM Meetings:

September 7, 2011, Tetra Tech EM Inc., Oakland, California
October 5, 2011, Tetra Tech EM Inc., Oakland, California
November 2, Tetra Tech EM Inc., Oakland, California
December 7, 2011, Tetra Tech EM Inc., Oakland, California

Navy Funding/Project Priority Update for BCT Naval Station Treasure Island

(FY11 Funds – 1 Oct 2010 to 30 Sept 2011)

August 3, 2011

FY11 Funding Priority List:

1. Additional Site 31/33 radiological field work effort (awarded)



Naval Station Treasure Island Site 12

August 3, 2011 BCT Meeting



Site Documents

Site 12 Characterization and Final Status Survey Plan:

- On hold pending review of overall remediation strategy

Buildings 1123, 1319, & 1321 Demolition Work

Instruction:

- Shaw submitted the Work Instruction to the Navy for review on 14 July. The Agencies will receive the Draft document for review August 2011.



Site 12 Steps Forward



- Shaw was not granted a reciprocity extension by the State as of July 12th. To facilitate continuation of fieldwork Shaw has partnered with a licensed subcontractor. Philotechnics has taken over the controls of the radiological site at TI.
- Shaw continues to seek a State license but will subcontract until the license has been granted.
- The weekly Public Health and Safety controls of the fence lines is continuing. This include dose rate surveys as well as fence repairs and visual inspections.

3



Bigelow Court Look Ahead



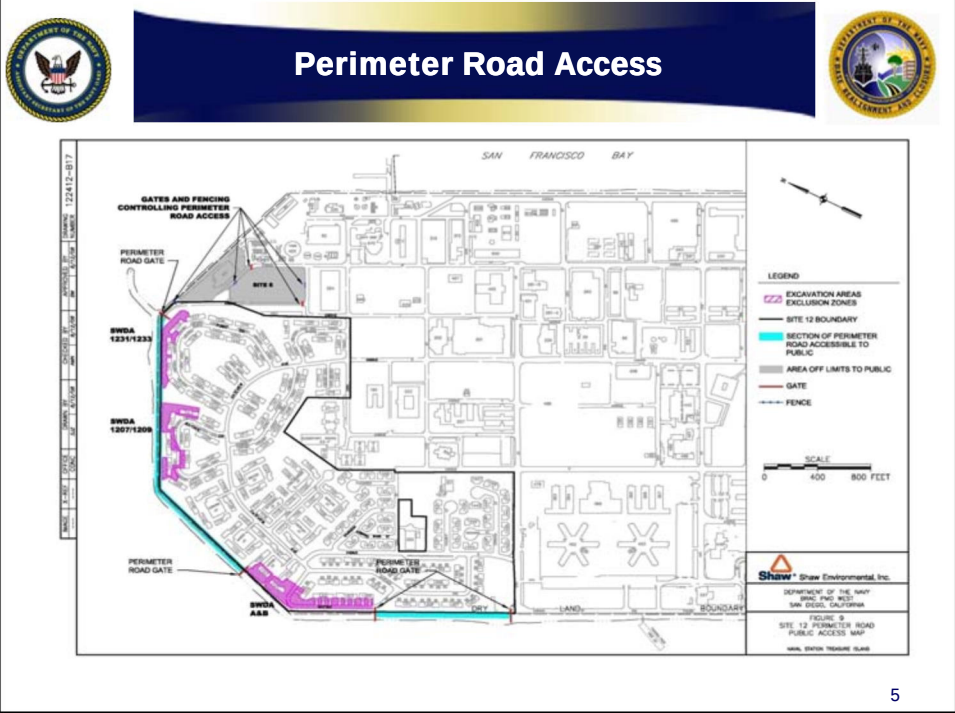
Work Plan:

- The Internal Draft Work Plan is currently in Navy review.

Field Mobilization:

- Field activities are expected to start early fall 2011.

4





Field Efforts Building 233

**August 3, 2011 BCT
Meeting**



Building 233

- **Shaw prepared and submitted (June 13, 2011) a debris disposal summary package to CDPH, which summarizes post remediation, radiological characterization of the building 233 debris for the State's review. The Navy is awaiting comments from the State.**
- **Shaw revised the Building 233 Work Plan for Characterization, Remediation, and Final Status Survey activities to address State comments and reorganize the document to include Characterization and Remediation Phases before completing the Final Status Survey. This document was submitted to the BRAC/RASO on the 15th of July. Will be distributed draft to the agencies August 2011.**



Footprint of Building 233





Naval Station Treasure Island Field Activities

August 3, 2011 BCT Meeting



Groundwater Monitoring at Sites 21, 24, and 32



- **Second quarter groundwater monitoring activities were completed on the 14th of July.**
- **Thirty five (35) wells will be sampled at Site 21. Fifty two (52) wells will be sampled at Site 24. Two (2) wells will be sampled at Site 32.**
- **The Third quarter sampling event will start in Late September/Early October.**
- **Results of the second Quarter sampling will be distributed to the BCT when all the results have been received.**



Site 24 Treatability Study



Phase 2 Treatability Report

- Draft document was sent to the agencies for review July 25, 2011

Phase 3 Work Plan

- The Draft Work Plans was sent to the agencies on June 7, 2011.
- Phase 3 work will address residual contamination along southern site boundary

3



Sites 21 and 24 Soil Gas Sampling



Sites 21 & 24

To address BCT comments regarding soil gas at the sites, the Navy will conduct Soil Gas sampling activities at Sites 21 and 24. Twenty six (26) locations at Site 21 and eight (8) locations at Site 24 are currently will be sampled

Site specific soil gas screening levels are under development for Site 21

Shaw submitted the Internal Draft Addendum to the Navy for review on June 13th. The Draft Plans will be submitted to the agencies August 2011.

4



Site 31 and 33 Steps Forward



- **Internal Draft Removal Action Work Plans were modified to include additional radiological characterization of planned excavations and the existing Site 31 stockpile. The Work Plans will be sent back to the Navy for review on August 4, 2011.**

5



Site 33 Explanation of Significant Differences



Final ESD was signed and distributed May 30th.

Public notice was placed in the SF Chronicle on August 1, 2011.

6



Moving Forward on IR Site 21



Site specific soil gas screening levels are in development and will be finished in August. IR Site 21 is part of the initial conveyance that is set for April 2012. In order to meet the closing conditions by this date, the Navy must move forward with the proposed plan and the ROD at Site 21.

SITE 21 SOIL GAS INFORMATION

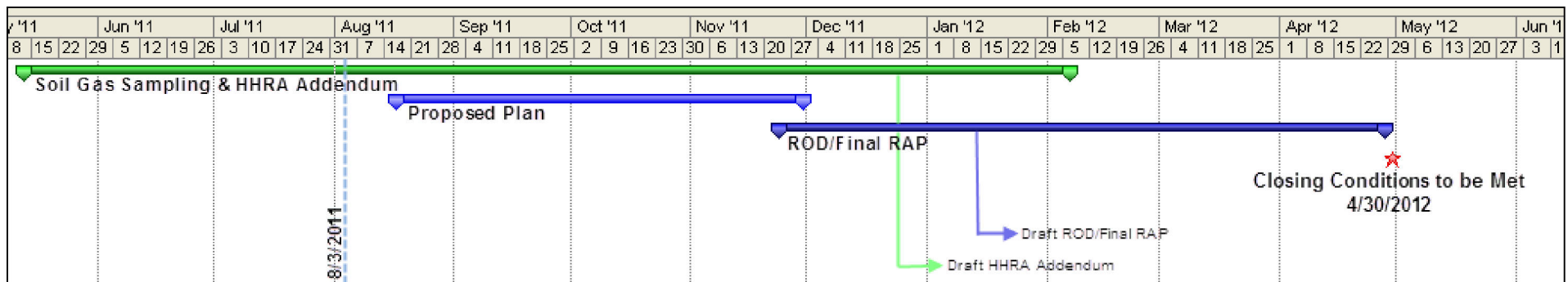
Comparison of Current Soil Gas Data to Values used in the Site 21 HHRA in 2007

	Maximum Soil Gas Detection	C _{source}	CHHSL
Tetrachloroethene	13,000 µg/m ³	68,800 µg/m ³	180 µg/m ³
Trichloroethene	2,300 µg/m ³	91,500 µg/m ³	528 µg/m ³
Vinyl Chloride	<70 µg/m ³	35,600 µg/m ³	13.3 µg/m ³

* VOCs listed are those that exceed the CHHSL

- Maximum Soil Gas Detection is from Preliminary Soil Gas Sample Results taken on 11/17, 11/18 and 12/15.
- C_{source} is from the Site 21 Remedial Investigation Human Health Risk Assessment that used groundwater concentrations to find C_{source} via Henry's Law.
- CHHSL denotes California Human Health Screening Levels, provided as Comparison Criteria with the Preliminary Soil Gas Sample Results.

SITE 21 SCHEDULE



**Naval Station Treasure Island
Environmental Cleanup Program
Document Tracking Sheet
August 2011 - January 2012**

			INTERNAL DRAFT				DRAFT							RTC			INTERNAL FINAL			FINAL						
Item	Document Title & Information	C/O/DO	Internal Draft Due to Navy	Navy Comments Due	Draft to Agencies	Agency Comments						Priority Level	Preliminary RTCs to Agencies	Resolve and Concur on RTCs	Internal Final to Navy	Navy Comments Due	Final to Agencies	Comments								
						Date Due	DTSC	WATER BOARD	EPA	TIDA	RAB								OTHER							
Shaw Group																										
	Site 32 Post Construction Summary Report for PCBs in Soil RPM: Danielle Janda PM: Pete Bourgeois	FZN1	05/11/10, 10/31/10	✓	02/21/11	✓	03/21/11	✓	04/20/11	✓		✓		✓		05/18/11	✓	06/22/11	✓	06/24/11	✓	07/05/11	✓	07/13/11	✓	DTSC (4/13), EPA (4/13), WB (4/15), RAB (4/25), TIDA (4/29)
1	Building 233 Characterization, Remediation and Final Status Survey Work Plan RPM: Anthony Konzen PM: Pete Bourgeois	O10	08/31/10, 09/30/10, 10/11/10, 03/11/11, 07/14/11	✓ ✓ ✓ ✓ ✓	11/25/10, 03/04/11, 03/16/11, 08/12/11	✓ ✓ ✓ ✓ ✓	08/26/11		09/23/11							10/05/11		10/12/11		10/19/11		10/26/11		11/02/11		
2	Site 24 Treatability Study Report (Phase II) RPM: Danielle Janda PM: Pete Bourgeois	FZN1	04/19/11	✓	05/04/11	✓	07/28/11	✓	08/29/11							09/17/11		10/01/11		10/15/11		10/22/11		10/29/11		Finalizing comments with Navy Technical and RPM.
3	Site 12 Characterization, Remediation and Final Status Survey Work Plan RPM: Anthony Konzen PM: Pete Bourgeois	O10	08/11/10, 10/27/10, 03/18/11	✓ ✓ ✓	TBD		TBD		TBD							TBD		TBD		TBD		TBD		TBD		Draft delayed pending site strategy discussion.
4	Sites 31/33 Remedial Action Work Plan (RAWP) RPM: Lora Battaglia PM: Pete Bourgeois	FZN9	10/15/10, 11/22/10, 01/10/11, 08/19/11	✓ ✓ ✓ ✓	10/29/10, 11/10/10, 09/02/11	✓ ✓ ✓ ✓	09/23/11		10/21/11							11/04/11		11/11/11		11/18/11		11/28/11		12/05/11		Rewriting RPP per MARSSIM guidelines; schedule will be accelerated when possible.
5	Site 12 Bigelow Court NTCRA Work Plan RPM: Anthony Konzen PM: Pete Bourgeois	FZN9	11/22/10, 12/23/10, 01/24/11	✓ ✓ ✓	12/14/10, 04/30/11, 08/01/11	✓ ✓ ✓	09/02/11		09/30/11							10/17/11		10/28/11		11/11/11		11/18/11		11/30/11		Final date dependent on comment durations
6	Site 24 Treatability Study Work Plan (Phase III) RPM: Danielle Janda PM: Pete Bourgeois	FZN1	03/23/11	✓	04/07/11	✓	06/06/11	✓	07/27/11	✓	✓	X	✓			08/17/11		08/31/11		09/07/11		09/14/11		09/21/11		EPA (6/16), WB (7/13), TIDA (7/27), DTSC
7	Sites 21/24 Soil Gas Investigation Work Plan RPM: Danielle Janda PM: Pete Bourgeois	:	06/13/11	✓	07/07/11	✓	08/19/11		09/09/11							09/22/11		09/29/11		10/06/11		10/13/11		10/20/11		Schedule will be accelerated when possible.
Tetra Tech EM Inc.																										
8	Site 24 PP/RAP RPM: Danielle Janda PM: Jean Michaels	FZND	01/28/11	✓	TBD		TBD		TBD							TBD		TBD		TBD		TBD		TBD		On hold pending results of Phase III treatability study.
9	Finding of Suitability to Transfer (FOST) 3 RPM: David Clark PM: Marcie Rash	O01	08/09/10	✓	09/02/10	✓	09/28/10	✓	11/03/10	✓	✓	✓	✓			12/08/10	✓	01/05/11	✓	01/21/11	✓	02/02/11	✓	TBD		DTSC (10/26), EPA (11/1), WB (11/8), TIDA (11/2). Final document on hold pending discussions with the State.
	Island Times Newsletter #17 RPM: Jim Sullivan PM: Marcie Rash	O01	08/31/10	✓	04/05/11	✓	04/12/11	✓	04/26/11	✓	X	✓	✓			NA		NA		05/14/11	✓	07/09/11	✓	07/20/11	✓	DTSC (4/25), EPA (4/26), TIDA (4/29)

**Naval Station Treasure Island
Environmental Cleanup Program
Document Tracking Sheet
August 2011 - January 2012**

				INTERNAL DRAFT				DRAFT							RTC		INTERNAL FINAL			FINAL		
Item	Document Title & Information	CTO/DO	Internal Draft Due to Navy	Navy Comments Due	Draft to Agencies	Agency Comments						Priority Level	Preliminary RTCs to Agencies	Resolve and Concur on RTCs	Internal Final to Navy	Navy Comments Due	Final to Agencies	Comments				
						Date Due	DTSC	WATER BOARD	EPA	TIDA	RAB								OTHER			
Tetra Tech EM Inc. (Continued)																						
10	FOST Addendum (to 2006 TI/YBI documents)	001	04/22/11	✓	TBD	TBD	TBD							TBD		TBD	TBD	TBD	On hold pending discussions with State.			
	RPM: David Clark																					
	PM: Marcie Rash																					
11	2011 Site Management Plan (SMP)	001	03/24/11	✓	04/15/11	✓	04/27/11	✓	05/27/11	✓	X	X	✓			09/16/11	09/30/11	09/23/11	10/07/11	10/21/11	DTSC (5/3), TIDA (5/26), EPA (6/2)	
	RPM: David Clark																					
	PM: Marcie Rash																					
12	Site 32 PP/RAP	489	05/02/11	✓	05/16/11	✓	06/13/11	✓	07/11/11	✓	✓	X	✓			07/30/11	✓	08/12/11	08/19/11	08/26/11	09/02/11	DTSC (7/6, 7/14), WB (7/11), TIDA (7/13)
	RPM: Danielle Janda																					
	PM: Jean Michaels																					
13	Island Times Newsletter #18	001	10/13/11		10/27/11	11/06/11	11/20/11							11/30/11		NA	11/30/11	12/07/11	12/14/11			
	RPM: Jim Sullivan																					
	PM: Marcie Rash																					
Chadux Tetra Tech																						
14	Site 12 RI Report	049	03/02/11	✓	04/01/11	✓	06/10/11	✓	08/19/11							09/16/11		TBD	10/16/11	10/26/11	11/09/11	
	RPM: Anthony Konzen																					
	PM: Marcie Rash																					
15	Site 21 PP/RAP	083	04/09/10* 05/20/10**	✓ ✓	05/09/10* 11/12/10**	✓ ✓	12/16/10	✓	01/15/11	✓	✓	✓	✓			08/17/11		08/30/11	09/06/11	09/13/11	09/14/11	WB (12/28), TIDA/TICD (1/14), DTSC (1/14), RAB (1/16)
	RPM: Danielle Janda																					
	PM: Jean Michaels																					
16	Site 27 ROD/RAP	084	08/08/11* 09/21/11**		09/06/11* 10/21/11**	11/04/11	12/04/11							01/01/12		TBD	01/31/12	02/10/12	02/24/12		* Navy technical review ** Navy legal review	
	RPM: Lora Battaglia																					
	PM: Katie Henry																					
17	Well Decommissioning Letter Report	044	08/10/11		08/24/11	NA	NA							NA		NA	NA	NA	NA	09/20/11		
	RPM: Tony Konzen																					
	PM: Yohji Ono																					
Trevet																						
18	2010 Sites 6 & 12 Annual Groundwater Report	9002	02/23/11	✓	04/08/11	✓	05/11/11	✓	06/21/11	✓	✓	X	✓			08/04/11		TBD	08/08/11	08/15/11	08/22/11	EPA (6/2), DTSC (6/20), TIDA (7/5), WB (7/13)
	RPM: Tony Konzen																					
	PM: Greg Alyanakian																					
ERRG																						
19	Site 6 RI/FS Report	:	08/31/11		10/01/11	10/15/11	11/14/11									12/12/11		TBD	01/11/12	01/21/12	02/04/12	
	RPM: Tony Konzen																					
	PM: Phil Skorge																					
CH2M Hill and Kleinfelder																						
20	YF3 Add'l Soil/Groundwater Sampling Work Plan	X027	07/26/11		08/25/11	10/07/11	11/06/11									11/20/11		12/04/11	12/09/11	12/13/11	12/16/11	
	RPM: Danielle Janda																					
	PM: Eric Johansen																					

**Naval Station Treasure Island
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			INTERNAL DRAFT		DRAFT							RTC		INTERNAL FINAL		FINAL		
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						Date Due	DTSC	WATER BOARD	EPA	TIDA	RAB							

✓ Production or review of document is complete.

X Received notification of no comments or comments deferred to other agency.

Grey shading indicates the document is finalized.

Blue shading indicates agency review comments are due within the next 30 days or are outstanding.

Yellow shading indicates documents that will be issued draft or final within the next 30 days.

Abbreviations:

Bldg = Building

CTO/DO = Contract task order/delivery order

DTSC = Department of Toxic Substances Control

EPA = U.S. Environmental Protection Agency

FS = Feasibility study

LUC = Land use covenant

NA = Not applicable

PCB = Polychlorinated biphenyls

PM = Project manager

PP = Proposed plan

RAP = Remedial action plan

RASO = Radiological Affairs Support Office

RI = Remedial investigation

ROD = Record of decision

RPM = Remedial project manager

SAP = Sampling and analysis plan

TBD = To be determined

TICD = Treasure Island Community Developers

TIDA = Treasure Island Development Authority

Water Board (WB) = Regional Water Quality Control Board

**Naval Station Treasure Island
Navy Field Schedule
August 2011 - January 2012**

Item	Activity & Investigation Area	DTS #	Field Dates		Navy RPM	CTO/DO	Project Manager	Field Team Lead	Complete
Shaw									
1	Non-Time Critical Removal Action Site 12	Doc NA	Start: Finish:	02/26/07 TBD	Tony Konzen (619) 532-0924	010	Tony Searls (509) 735-9736	Pete Bourgeois (415) 277-6983	
2	Site 31 Remedial Action Site 31	Doc 5	Start: Finish:	TBD TBD	Lora Battaglia (619) 532-0968	FZN9	Pete Bourgeois (415) 277-6983	Pete Bourgeois (415) 277-6983	
3	Building 233 Debris Screening / Final Status Survey Building 233	Doc 2	Start: Finish:	07/26/10 TBD	Tony Konzen (619) 532-0924	010	Tony Searls (509) 735-9736	Pete Bourgeois (415) 277-6983	
Trevet									
4	Site 6 3rd Quarter Groundwater Sampling Site 6	Doc NA	Start: Finish:	09/08/11 09/09/11	Tony Konzen (619) 532-0924	:	Matt Fuller (858) 578-8859	Matt Fuller (858) 578-8859	
5	Site 6 4th Quarter and Site 12 Semi-Annual Groundwater Sampling Sites 6 and 12	Doc NA	Start: Finish:	12/12/11 12/16/11	Tony Konzen (619) 532-0924	:	Matt Fuller (858) 578-8859	Matt Fuller (858) 578-8859	

Abbreviations:

CTO/DO Contract task order/delivery order
DTS # The number listed corresponds to the associated documentation listed on the Document Tracking Sheet.
NA Not applicable, there is no associated documentation listed on the DTS.
RPM Remedial project manager
TBD To be determined

✓ Field work is complete.

Yellow shading indicates field activities that will start or finish within the next 30 days.

Grey shading indicates field activities are complete.

Draft to RAB and BCT 08.03.11
NAVAL STATION TREASURE ISLAND
ENVIRONMENTAL RESTORATION ADVISORY BOARD MEETING
Tuesday, 16 August 2011
7:00 PM.
Casa de la Vista Building 271
Treasure Island
MEETING NO. 155

- 6:00 – 7:00 **Optional Site Tour** (meet at Casa de la Vista)
- 7:00 – 7:05 **Welcome Remarks and Introductions**
Lead: James Sullivan, Navy Co-Chair
- 7:05 – 7:10 **Public Comment and Announcements**
Lead: James Sullivan, Navy Co-Chair
- 7:10 – 7:15 **Treasure Island/Yerba Buena Island Property Transfer Update**
Lead: James Sullivan, Navy Co-Chair
- 7:15 – 7:25 **Field Activities and Access Update**
Lead: Pete Bourgeois, Shaw E & I
- 7:25 – 7:35 **Site 12 Draft Remedial Investigation (RI) Report Review Discussion**
(*comments due 8/19/11*)
Lead:
- 7:35 – 7:45 **Site 21 Draft Soil Gas Investigation Work Plan**
Lead:
- 7:45 – 7:55 **Site 24 Phase II Draft Treatability Study Report**
Lead:
- 7:55 – 8:05 **Upcoming Documents and Field Schedule**
Lead: Jessica Beck, Tetra Tech EMI
- 8:05 – 8:10 **RAB Meeting Minutes**
Lead: James Sullivan, Navy Co-Chair
- 8:10 – 8:15 **Co-Chair Announcements**
Lead: Alice Pilram, Community Co-Chair
- 8:15 – 8:20 **BRAC Cleanup Team Update**
Lead: James Sullivan, Navy Co-Chair
- 8:20 – 8:25 **Other Public Comment and Announcements**
Lead: James Sullivan, Navy Co-Chair

8:25 – 8:30 **Future Meeting Agenda Items**
Lead: Navy and Community Co-Chairs

8:30 **Closing Remarks/End of Meeting**
Break/Informal Discussion for 30 minutes after the meeting
This is an opportunity to informally discuss issues

Next Regular Meetings: No September 2011 Meeting

7:00 pm Tuesday, 18 October 2011
Casa de la Vista, Treasure Island

No November 2011 Meeting

7:00 pm Tuesday, 20 December 2011
Casa de la Vista, Treasure Island

Next Treasure Island Citizen's Advisory Board (CAB): See the web site for latest dates and times for future meetings: <http://www.sfgov.org/treasureisland>

Next Interim RAB Community Member Conference Call: **(Last Tuesday of pre-RAB month)**

Tuesday, 27 September 2011, 7:00 pm.

Call-In Number: 1- 866-822-0121

Participant Code: 1122026

(Note: This same number will be used for future conference calls)

Next BCT/RPM/Project Team Meeting: 10:00 am. Wednesday 7 September 2011, Tetra Tech EMI, San Diego

Navy BRAC Web Site: <http://www.bracpmo.navy.mil> (click on map for Treasure Island)

Navy San Diego Office Address:
JAMES B. SULLIVAN
DEPARTMENT OF THE NAVY
BASE REALIGNMENT AND CLOSURE
PROGRAM MANAGEMENT OFFICE WEST
1455 FRAZEE ROAD, SUITE 900
SAN DIEGO, CA 92108-4310

NAVSTA TI Community Relations Activities/Items

Activity/Item			Schedule	Status
1	General Environmental Fact Sheet Volume 6		Wednesday, August 31, 2011	In progress
		Will be posted on the Navy's website and made available at public meetings	Submitting to BCT for review 8/3/11	
2	Site 21 Proposed Plan/Draft Remedial Action Plan		September 2011	Tentative
		Final document will be mailed to the full community mailing list, public meeting will be held, and document availability and public meeting will be announced in the newspaper	See Document Tracking Sheet for full schedule	
3	Site 32 Proposed Plan/Draft Remedial Action Plan		September 2011	In progress
		Final document will be mailed to the full community mailing list, public meeting will be held, and document availability and public meeting will be announced in the newspaper	See Document Tracking Sheet for full schedule	
4	Island Times No. 18 Winter 2011/2012 Newsletter		December 2011	
		General topics of interest including current projects and highlights of accomplishments. Looking for a team member to be the profilee for this edition!		
	Remaining RAB Meetings in 2011:			
	155	Tuesday, August 16, 2011 (Pre-RAB tour)		
	156	Tuesday, October 18, 2011		
	157	Tuesday, December 20, 2011		

TREASURE ISLAND BCT ACTION ITEMS
August 3, 2011

Item	Action Item	Lead	Due Date	Revised Due Date	Completed	Comments
TRANSFER / SITEWIDE						
	Navy to confirm the publishing date of the Site 33 ESD in the San Francisco Chronicle to the BCT.	Navy <i>Lora Battaglia</i>	07/07/11		08/01/11	As requested at the June 2011 BCT meeting. The notice is scheduled to run in the <i>San Francisco Chronicle</i> on Monday, August 1, 2011.
1	Navy to clarify the FOST 4 scope and schedule.	Navy <i>Dave Clark</i>	04/06/11	TBD		As requested at the March 2011 BCT meeting.
2	Navy to provide an update on the status of the discussion between the Navy and State counsel, as well as the City of San Francisco and the developer regarding the LUCs.	Navy <i>Jim Sullivan</i>	07/07/11	TBD		As requested at the June 2011 BCT meeting.
RADIOLOGICAL						
	Navy to resolve technical issues of the portal with CDPH and Mr. Taibi will provide Mr. Sullivan his link to the portal.	Navy <i>Jim Sullivan</i>	06/01/11		06/21/11	As requested at the June 2011 BCT meeting.
	Shaw will confirm Ms. Sunga received a copy of the Building 233 data package.	Shaw <i>Pete Bourgeois</i>	08/03/11		07/07/11	As requested at the July 2011 BCT meeting.
	Navy will follow up with Shaw to obtain letter from sent by the Nuclear Regulatory Commission.	Navy <i>Jim Sullivan</i>	07/08/11		07/07/11	As requested at the July 2011 BCT meeting.
3	Navy to schedule a technical meeting with CDPH regarding the thorium results.	Navy <i>Jim Sullivan</i>	06/01/11	TBD		As requested at the June 2011 BCT meeting.
4	Mr. Forrer to provide a figure of the scans performed by CDPH.	CDPH <i>Gene Forrer</i>	06/01/11	08/03/11		As requested at the June 2011 BCT meeting.
5	Mr. Forrer will follow up with Mr. Lavelly and Mr. Prendergast regarding the review of the Building 233 data package.	CDPH <i>Gene Forrer</i>	08/03/11			As requested at the July 2011 BCT meeting.
MISCELLANEOUS						
6	Navy will distribute the updated contact list to the BCT.	Navy <i>Jim Sullivan</i>	08/03/11			As requested at the July 2011 BCT meeting.

Notes:

BCT Base Realignment and Closure Cleanup Team
 CDPH California Department of Public Health
 DTSC Department of Toxic Substances Control
 ESD Explanation of significant differences

FOST Finding of Suitability to Transfer
 LUC Land use covenant
 RTC Response to comments
 TBD To be determined



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For more info contact:
Megan Leonard, TI Coordinator
E: mlonard@ymcasf.org
P: 415 765 9037



NAVSTA TI Project Team Contact List

Position	Name	Office Location	Address	Phone #	Fax #
NAVY					
Base Closure Manager	John Hill	BRAC PMO West	1455 Frazee Road Suite 900 San Diego, CA 92108-4310 <u>E-mail:</u> john.m.hill@navy.mil	(619) 532-0985	(619) 532-0983
Deputy Base Closure Manager	Deb Theroux	BRAC PMO West	1455 Frazee Road Suite 900 San Diego, CA 92108-4310 <u>E-mail:</u> debra.theroux@navy.mil	(619) 532-0919	(619) 532-0983
BRAC Environmental Coordinator	James Sullivan	BRAC PMO West	1455 Frazee Road Suite 900 San Diego, CA 92108-4310 <u>E-mail:</u> james.b.sullivan2@navy.mil	(619) 532-0966	(619) 532-0983
Environmental BLTL	Pat Brooks	BRAC PMO West	1455 Frazee Road Suite 900 San Diego, CA 92108-4310 <u>E-mail:</u> george.brooks@navy.mil	cell: (619) 743-8375 (619) 532-0953	(619) 532-0983
BRAC Lead RPM	Dave Clark	BRAC PMO West	1455 Frazee Road Suite 900 San Diego, CA 92108-4310 <u>E-mail:</u> david.j.clark2@navy.mil	(619) 532-0973	(619) 532-0983
BRAC RPM	Tony Konzen	BRAC PMO West	1455 Frazee Road Suite 900 San Diego, CA 92108-4310 <u>E-mail:</u> anthony.konzen.ctr@navy.mil	cell: (619) 743-8401 (619) 532-0924	(619) 532-0983
BRAC RPM	Lora Battaglia	BRAC PMO West	1455 Frazee Road Suite 900 San Diego, CA 92108-4310 <u>E-mail:</u> lora.battaglia.ctr@navy.mil	(619) 532-0968	(619) 532-0983
BRAC RPM	Danielle Janda	BRAC PMO West	1455 Frazee Road Suite 900 San Diego, CA 92108-4310 <u>E-mail:</u> danielle.janda@navy.mil	(619) 532-0796	(619) 532-0983
Disposal Project Manager	An Bui	BRAC PMO West	1455 Frazee Road Suite 900 San Diego, CA 92108-4310 <u>E-mail:</u> an.bui@navy.mil	(619) 532-0958	(619) 532-0983
Realty Specialist	Beth Larson	BRAC PMO West	1455 Frazee Road Suite 900 San Diego, CA 92108-4310 <u>E-mail:</u> elizabeth.larson@navy.mil	(619) 532-0788	(619) 532-0983
Supervisory Contract Specialist	Charles DePew	BRAC PMO West	1455 Frazee Road Suite 900 San Diego, CA 92108-4310 <u>E-mail:</u> charles.depew@navy.mil	(619) 532-0764	(619) 532-0983
BRAC Legal Counsel	Marvin Norman	Treasure Island	Navy BRAC PMOW CSO One Avenue of the Palms, Bldg 1, Suite 161, Treasure Island, San Francisco, CA 94130-1807 <u>E-mail:</u> marvin.norman@navy.mil	(415) 743-4727	(415) 743-4700
SWDIV QA Officer	Narciso Ancog	NAVFAC SW	1220 Pacific Highway, San Diego, CA 92132-5190 <u>E-mail:</u> narciso.ancog@navy.mil	(619) 532-3046	(619) 532-2607
CSO Team Leader	Patricia McFadden	Treasure Island	Navy BRAC PMOW CSO One Avenue of the Palms, Bldg 1, Suite 161, Treasure Island, San Francisco, CA 94130-1807 <u>E-mail:</u> patricia.a.mcfadden@navy.mil	(415) 743-4720	(415) 743-4700
Environmental Compliance Manager	Michael Mentink	Treasure Island	Navy BRAC PMOW CSO One Avenue of the Palms, Bldg 1, Suite 161, Treasure Island, San Francisco, CA 94130-1807 <u>E-mail:</u> michael.mentink@navy.mil	(415) 743-4729	(415) 743-4700
ROICC Supervisor	Franklin Fernandez	ROICC SF Bay	ROICC SF Bay Area 2450 Saratoga St., Bldg 114, Ste 200 Alameda, CA 94501-7545 <u>E-mail:</u> franklin.d.fernandez@navy.mil	cell: (415) 559-9851 (510) 521-8682	(510) 521-8622
				cell: (510) 755-5877	

NAVSTA TI Project Team Contact List

Position	Name	Office Location	Address	Phone #	Fax #
NAVY (Continued)					
ROICC	Izzat Amadea	ROICC SF Bay	ROICC SF Bay Area 2450 Saratoga St., Bldg 114, Ste 200 Alameda, CA 94501-7545 E-mail: izzat.amadea@navy.mil	(510) 521-8702 cell: (510) 755-5876	(510) 521-8622
Contract Specialist	Karen Barba	BRAC PMO West	1455 Frazee Road Suite 900 San Diego, CA 92108-4310 E-mail: karen.barba@navy.mil	(619) 532-0786	(619) 532-0780
Contract Specialist	Cindy Mafara	BRAC PMO West	1455 Frazee Road Suite 900 San Diego, CA 92108-4310 E-mail: cynthia.mafara@navy.mil	(619) 532-0978	(619) 532-0983
Radiological Affairs Support Office (RASO)	Laurie Lowman	NAVSEADET RASO	P.O. Drawer 260, Building 1971 NWS Yorktown, VA 23691-0260 E-mail: laurie.lowman@navy.mil	(757) 887-7650 Cell: (202) 520-4266	(757) 887-3235
Radiological Affairs Support Office (RASO)	Zachary Edwards	NAVSEADET RASO	P.O. Drawer 260, Building 1971 NWS Yorktown, VA 23691-0260 E-mail: zachary.edwards@navy.mil	(757) 887-7762	(757) 887-3235
REGULATORS					
DTSC Representative	Remedios (Medi) Sunga	CAL/EPA DTSC	700 Heinz Avenue, Suite 200 Berkeley, CA 94710 E-mail: rsunga@dtsc.ca.gov	(510) 540-3840	(510) 540-3819
DTSC Representative	Ryan Miya	CAL/EPA DTSC	700 Heinz Avenue, Suite 200 Berkeley, CA 94710 E-mail: rmiya@dtsc.ca.gov	(510) 540-3775	(510) 540-3819
DTSC Toxicologist	Brian Davis	CAL/EPA DTSC	8800 Cal Center Drive Sacramento, CA 95826 E-mail: bdavis@dtsc.ca.gov	(916) 255-6632	(916) 255-6694
Berkeley Office, Cleanup Operations Performance Manager	Barbara Cook	CAL/EPA DTSC	700 Heinz Avenue, Suite 200 Berkeley, CA 94710 E-mail: bcook@dtsc.ca.gov	(510) 540-3843	(510) 540-3819
DTSC Unit Chief / Representative	Denise Tsuji	CAL/EPA DTSC	700 Heinz Avenue, Suite 200 Berkeley, CA 94710 E-mail: dttsuji@dtsc.ca.gov	(510) 540-3824	(510) 540-3819
DTSC Toxicologist	Jim Polisini	CAL/EPA DTSC	Chatsworth Field Office 9211 Oakdale Avenue Chatsworth, 91311-6505 E-mail: jpolisini@dtsc.ca.gov	(818) 717-6593	(818) 717-6515
DTSC Public Relations	Radhika Majhail	CAL/EPA DTSC	8800 Cal Center Drive Sacramento CA 95826 E-mail: rmajhail@dtsc.ca.gov	(916) 255-6681	
US EPA Representative	Melinda M. Garvey	US EPA Region IX	75 Hawthorne St., SFD-8-3 San Francisco, CA 94105-3901 E-mail: garvey.melinda@epa.gov	(415) 947-4184	(415) 947-3520
US EPA Toxicologist	Gerald Hiatt	US EPA Region IX	75 Hawthorne St., SFD-8-B San Francisco, CA 94105-3901 E-mail: hiatt.gerald@epa.gov	(415) 972-3064	(415) 947-3528
US EPA Legal Counsel	Karen Goldberg	US EPA Region IX	75 Hawthorne St., ORC-3 San Francisco, CA 94105-3901 E-mail: goldberg.karen@epa.gov	(415) 972-3951	
San Francisco Bay Regional Water Quality Control Board	Ross Steenson	Water Board	1515 Clay Street, Suite 1400 Oakland, CA 94612 E-mail: rsteenson@waterboards.ca.gov	(510) 622-2445	(510) 622-2460
San Francisco Bay Regional Water Quality Control Board	Alec Naugle	Water Board	1515 Clay Street, Suite 1400 Oakland, CA 94612 E-mail: anaugle@waterboards.ca.gov	(510) 622-2510	(510) 622-2460

NAVSTA TI Project Team Contact List

Position	Name	Office Location	Address	Phone #	Fax #
REGULATORS (Continued)					
CA Department of Public Health (CDPH), Division of Drinking Water and Environmental	Tracy Jue	CDPH	Health Physicist State of California Environmental Health Branch P.O. Box 997377, MS 7405 Sacramento, CA 95899-7377 E-mail: tracy.jue@cdph.ca.gov	(916) 324-4804	(916) 449-5665
CDPH	Guy Taibi	CDPH	State of California Environmental Health Branch P.O. Box 997377, MS 7405 Sacramento, CA 95899-7377 E-mail: guy.taibi@cdph.ca.gov	(916) 322-5769 cell: (916) 870-2473	(916) 449-5665
CDPH	Larry Morgan	CDPH	State of California Environmental Health Branch P.O. Box 997377, MS 7405 Sacramento, CA 95899-7377 E-mail: larry.morgan@cdph.ca.gov	(916) 319-9651	(916) 449-5665
CA Fish & Game Representative	Charlie Huang	CAL Fish & Game	1700 K St., Rm. 250, P.O. Box 944204 Sacramento, CA 94244-2090 E-mail: chuang@ospr.dfg.ca.gov	(916) 324-9805	
CIWMB	Gino Yekta	CIWMB	1001 "I" Street, PO Box 4025 Sacramento, CA 95812-4025 E-mail: gyekta@ciwmb.ca.gov	(916) 341-6354	(916) 319-7306
NOAA Representative	Laurie Sullivan	NOAA C/O EPA	75 Hawthorne St. San Francisco, CA 94105-3901 E-mail: laurie.sullivan@hazmat.noaa.gov	(415) 972-3210	
Environmental Contaminants Division (Biologist)	Dan Welsh	US Fish & Wildlife	2800 Cottage Way, Suite W-2605 Sacramento, CA 95825-1846 E-mail:	(916) 414-6591	(916) 414-6713
CITY, TREASURE ISLAND DEVELOPMENT AUTHORITY (TIDA) AND CONSULTANTS					
Developer	Kim Diamond	Lennar Urban	One California Street, Suite 2700 San Francisco, CA 94111 E-mail: kdiamond1000@yahoo.com	(415) 344-8852	
Consultant to Developer	Bill Carson	Terraphase Engineering Inc.	414 13th Street, Suite 400 Oakland, CA 94612 E-mail: william.carson@terrphase.com	(415) 388-8745	
Special Projects Specialist	Loraine Lee	John Stewart Company	One Avenue of the Palms, Bldg 1, Suite 168, Treasure Island, San Francisco, CA 94130-1807 E-mail: lorainelee@jsco.net	(415) 834-0211 X18	(415) 834-0210
Consultant to the City of San Francisco	Gary Foote	AMEC Geomatrix	2101 Webster Street, 12th Floor Oakland, CA 94612 E-mail: gary.foote@amec.com	(510) 663-4260	(510) 663-4141
Consultant to the City of San Francisco	Greg Brorby	Exponent	475 14th Street, Suite 400 Oakland, CA 94613 E-mail: gbrorby@exponent.com	(510) 268-5006	(510) 268-5099
Director of Treasure Island Operations	Mirian Saez	TIDA	One Avenue of the Palms, Bldg 1, 2nd Floor, Treasure Island, San Francisco, CA 94130-1807 E-mail: mirian.saez@sfgov.org	(415) 274-0660	(415) 274-0299

NAVSTA TI Project Team Contact List

Position	Name	Office Location	Address	Phone #	Fax #
CITY, TREASURE ISLAND DEVELOPMENT AUTHORITY (TIDA) AND CONSULTANTS (Continued)					
Asst. Project Manager for the Office of Economic and Workforce Development	Michael Tymoff	TIDA	Office of Economic and Workforce Development City Hall, Room 448 1 Dr. Carlton B. Goodlett Place San Francisco, CA 94102 E-mail: michael.tymoff@sfgov.org	(415) 554-7038	(415) 554-6018
TIDA Commission Secretary and Webmaster	Peter Summerville	TIDA	One Avenue of the Palms, Bldg 1, 2nd Floor, Treasure Island, San Francisco, CA 94130-1807 E-mail: peter.summerville@sfgov.org	(415) 274-0660	(415) 274-0299
TIDA Public Information Officer	Marianne Thompson	TIDA	One Avenue of the Palms, Bldg 1, 2nd Floor, Treasure Island, San Francisco, CA 94130-1807 E-mail: marianne.thompson@sfgov.org	(415) 274-0662 cell: (415) 559-9026	
CALIFORNIA DEPARTMENT OF TRANSPORTATION (CALTRANS)					
Project Manager	Charles Smith	Caltrans	Office of Environmental Engineering Mail Station 8C 111 Grand Ave, 14th Floor Oakland, CA 94612 E-mail: charles_smith@dot.ca.gov	(510) 286-5635	(510) 286-5642
SHAW GROUP					
Document Distribution - Concord	Nicole Wojcik	Shaw Group	4005 Port Chicago Highway Concord, CA 94520 E-mail: nicole.wojcik@shawgrp.com	(925) 288-2007	(925) 288-0888
Program Manager	John Baur	Shaw Group	4005 Port Chicago Highway Concord, CA 94520 E-mail: john.baur@shawgrp.com	(925) 288-2019 cell: (925) 382-3051	(925) 288-0888
CERCLA Program Project Manager / Installation Coordinator	Pete Bourgeois	Shaw Field Office	950 Avenue M, Bldg 570, Treasure Island San Francisco, CA 94130 E-mail: peter.bourgeois@shawgrp.com	(415) 277-6983 / (925) 288-2138 cell: (415) 760-5321	(415) 398-6879
Project Technical Lead	Barbara Matz	Shaw Field Office	950 Avenue M, Bldg 570, Treasure Island San Francisco, CA 94130 E-mail: barbara.matz@shawgrp.com	(415)-398-6547 X232/ (925) 288-2337 cell: (415) 713-8482	(925) 288-0888
Field Construction Supervisor	Derek Bohannon	Shaw Field Office	950 Avenue M, Bldg 570, Treasure Island San Francisco, CA 94130 E-mail: derek.bohannon@shawgrp.com	(415) 398-6547 X223	(415) 398-6879
Engineer/Health & Safety	Brian Holmgren	Shaw Field Office	950 Avenue M, Bldg 570, Treasure Island San Francisco, CA 94130 E-mail: brian.holmgren@shawgrp.com	(415) 398-6547 X231	(415) 398-6879
Petroleum Program Technical Lead	Neil Hey	Shaw Group	4005 Port Chicago Highway Concord, CA 94520 E-mail: neil.hey@shawgrp.com	(925) 288-2141	(925) 288-0888
Radiological Program Manager	John Hamm	Shaw Group	185 Berry Street San Francisco, CA 94107 E-mail: john.hamm@shawgrp.com	(415) 512-2409 cell: (505) 259-1232	(415) 512-2424
Project Radiation Safety Officer	Laura Tryboski	Shaw Field Office	950 Avenue M, Bldg 570, Treasure Island San Francisco, CA 94130 E-mail: laura.tryboski@shawgrp.com	(415) 398-6547 X239	(415) 398-6879

NAVSTA TI Project Team Contact List

Position	Name	Office Location	Address	Phone #	Fax #
SHAW GROUP (Continued)					
Document Distribution - San Diego	Tim Jones	Shaw Group	1230 Columbia St., Suite 1200 San Diego, CA 92132	(619) 533-7338	(619) 239-1238
		E-mail:	tim.jones@shawgrp.com		
Community Involvement Coordinator	Lisa Stahl	Shaw Group	9201 E. Dry Creek Road Centennial, CO 80112	(303) 741-7349	(303) 741-7322
		E-mail:	lisa.stahl@shawgrp.com		
TETRA TECH EM INC.					
Project Director	Marcie Rash	TtEMI	1999 Harrison Street, Suite 500 Oakland, CA 94612	(510) 302-6324	(510) 433-0830
		E-mail:	marcie.rash@tetrattech.com		
Lead Project Manager	Jessica Beck	TtEMI	1999 Harrison Street, Suite 500 Oakland, CA 94612	(510) 302-6235	(510) 433-0830
		E-mail:	jessica.beck@tetrattech.com		
Community Relations Lead	Tommie Jean Valmassy	TtEMI	1999 Harrison Street, Suite 500 Oakland, CA 94612	(510) 302-6232	(510) 433-0830
		E-mail:	tommiejean.valmassy@tetrattech.com		
Transfer and Disposal Lead	Dennis Kelly	TtEMI	1999 Harrison Street, Suite 500 Oakland, CA 94612	(510) 302-6334	(510) 433-0830
		E-mail:	dennis.kelly@tetrattech.com		
Project Manager/Senior	Victor Early	TtEMI	1999 Harrison Street, Suite 500 Oakland, CA 94612	(510) 302-6332	(510) 433-0830
		E-mail:	victor.early@tetrattech.com		
Project Manager	Jean Michaels	TtEMI	1999 Harrison Street, Suite 500 Oakland, CA 94612	(510) 302-6346	(510) 433-0830
		E-mail:	jean.michaels@tetrattech.com		
Project Manager	Katie Henry	TtEMI	1999 Harrison Street, Suite 500 Oakland, CA 94612	(510) 302-6298	(510) 433-0830
		E-mail:	katie.henry@tetrattech.com		
Project Manager	Yohji Ono	TtEMI	1999 Harrison Street, Suite 500 Oakland, CA 94612	(510) 302-6301	(510) 433-0830
		E-mail:	yohji.ono@tetrattech.com		
Lead Project Risk Assessor	Shirley Fu	TtEMI	518 17th Street, Suite 900 Denver, CO 80202	(303) 312-8890	(303) 295-2818
		E-mail:	shirley.fu@tetrattech.com		
Lead Project Statistician	Ray Bienert	TtEMI	1999 Harrison Street, Suite 500 Oakland, CA 94612	(510) 302-6296	(510) 433-0830
		E-mail:	ray.bienert@tetrattech.com		
Project Administrator	Quinn Johnson	TtEMI	1999 Harrison Street, Suite 500 Oakland, CA 94612	(510) 302-6347	(510) 433-0830
		E-mail:	quinn.johnson@tetrattech.com		
TETRA TECH EC INC.					
Project Manager	Brian Maidrand	TtECI	1230 Columbia St, Suite 750 San Diego, CA 92101	(619) 471-3570	(619) 234-8591
		E-mail:	brian.maidrand@tteci.com	cell: (619) 606-2544	
TREVET, INC.					
Project Manager	Greg Alyanakian	Trevet	9888 Carroll Centre Road, Suite 228 San Diego, CA 92126	(858) 578-8859	(858) 578-8693
		E-mail:	greg@trevetinc.com	cell: (858) 869-3110	

NAVSTA TI Project Team Contact List

Position	Name	Office Location	Address	Phone #	Fax #
SULLIVAN INTERNATIONAL GROUP, INC					
Project Manager	Mehrdad Javaherian	Sullivan	550 California Street, Suite 610 Sacramento Tower San Francisco, CA 94104	(415) 693-0971	(415) 693-0972
		E-mail:	mjavaherian@onesullivan.com	cell: (415) 706-8935	
ENGINEERING/REMEDIATION RESOURCES GROUP (ERRG)					
Project Manager	Doug Bielskis	ERRG	4585 Pacheco Blvd, Suite 200 Martinez, CA 94553	(925) 839-2270	(925) 969-0751
		E-mail:	doug.bielskis@errg.com	cell: (925) 383-6416	
Technical Lead	Phil Skorge	ERRG	4585 Pacheco Blvd, Suite 200 Martinez, CA 94553	(925) 839-2266	(925) 969-0751
		E-mail:	phil.skorge@errg.com	cell: (714) 884-8176	
INNOVATIVE TECHNICAL SOLUTIONS, INC. (ITSI)					
Senior Project Manager	Arvind Acharya	ITSI	1485 Bayshore Blvd, Suite 355 San Francisco, CA 94124-3002	(415) 657-0346	(415) 657-0347
		E-mail:	aacharya@itsi.com	cell: (510) 719-6858	
RESTORATION ADVISORY BOARD (RAB) MEMBERS					
	Saul Bloom	Arc Ecology	1331 Evans Avenue San Francisco, 94124-1705	(415) 643-1190	(415) 643-1149
		E-mail:	saulbloom@arcecology.org		
	Nathan Brennan		118 Caselli Avenue San Francisco, CA 94114	(415) 252-1564	
		E-mail:	nathan.brennan@sbcglobal.net		
	John F. Gee		6205 View Crest Dr. Oakland, CA 94619		
		E-mail:	jgee@bart.gov		
	Chris Grasteit		1325-D Westside Dr San Francisco, CA 94130	(415) 203-8603	
		E-mail:	cgrasteit@esri.com		
	Alice Pilram		302 Nimitz, Unit B San Francisco, CA 94130	(415) 391-2205	
		E-mail:	alicepilram@yahoo.com		
	Douglas G. Ryan		1154 Washington Avenue Albany, CA 94706	(510) 559-7850	
		E-mail:	dougryan@earthlink.net		
	Dale Smith		2935 Otis Street Berkeley, CA 94703	(510) 841-2115	
		E-mail:	dale2smith@yahoo.com		

Remedios Sunga - RE: TI BCT Meeting August 3rd at 10AM, Tetra Tech Offices, Oakland

From: "Forrer II, Eugene (CDPH-DFDRS)" <Eugene.ForrerII@cdph.ca.gov>
To: RMiya@dtsc.ca.gov; rsteenson@waterboards.ca.gov; RSunga@dtsc.ca.gov; RMajhail@dtsc.ca.gov; Paul.Lavelly@cdph.ca.gov; Mirian.Saez@sfgov.org; ...
Date: 8/2/2011 5:21 PM
Subject: RE: TI BCT Meeting August 3rd at 10AM, Tetra Tech Offices, Oakland

Just wondering since Philotechnics would most likely be the ones supporting the work mentioned on the agenda.

From: Bourgeois, Peter [mailto:Peter.Bourgeois@shawgrp.com]
Sent: Tuesday, August 02, 2011 4:24 PM
To: Forrer II, Eugene (CDPH-DFDRS); 'Jessica.Beck@tetrattech.com'; 'anaugle@waterboards.ca.gov'; 'William.carson@terrphase.com'; 'bdavis@dtsc.ca.gov'; Holmgren, Brian; Smith, Charles@DOT; 'danielle.janda@navy.mil'; 'david.j.clark2@navy.mil'; 'dtsuji@dtsc.ca.gov'; 'EGoldman@sfgwater.org'; 'franklin.d.fernandez@navy.mil'; 'Gary.Foote@amec.com'; 'GBrorby@exponent.com'; Taibi, Guy (CDPH-DDWEM); 'izzat.amadea@navy.mil'; 'james.b.sullivan2@navy.mil'; Fassell, John (CDPH-DFDRS-RHB-RMS); 'quinn.johnson@tetrattech.com'; 'kdiamond1000@yahoo.com'; Morgan, Larry (CDPH-PS-DDWEM); Stahl, Lisa; 'lora.battaglia.ctr@navy.mil'; 'Marcie.Rash@tetrattech.com'; 'garvey.melinda@epa.gov'; 'michael.tymoff@sfgov.org'; 'Mirian.Saez@sfgov.org'; Lavelly, Paul (CDPH-DFDRS-RHB); 'rmajhail@dtsc.ca.gov'; 'rsunga@dtsc.ca.gov'; 'rsteenson@waterboards.ca.gov'; 'RMiya@dtsc.ca.gov'
Subject: Re: TI BCT Meeting August 3rd at 10AM, Tetra Tech Offices, Oakland

No we have not needed this, if we have technical meeting we will include them.

From: Forrer II, Eugene (CDPH-DFDRS) [mailto:Eugene.ForrerII@cdph.ca.gov]
Sent: Tuesday, August 02, 2011 06:20 PM
To: Beck, Jessica <Jessica.Beck@tetrattech.com>; Alec Naugle <anaugle@waterboards.ca.gov>; Bill Carson <William.carson@terrphase.com>; Brian Davis <bdavis@dtsc.ca.gov>; Holmgren, Brian; Smith, Charles@DOT <Charles_Smith@dot.ca.gov>; danielle.janda@navy.mil <danielle.janda@navy.mil>; david.j.clark2@navy.mil <david.j.clark2@navy.mil>; Denise Tsuji <dtsuji@dtsc.ca.gov>; Eric Goldman <EGoldman@sfgwater.org>; Franklin Fernandez <franklin.d.fernandez@navy.mil>; Gary Foote <Gary.Foote@amec.com>; Greg Brorby <GBrorby@exponent.com>; Taibi, Guy (CDPH-DDWEM) <Guy.Taibi@cdph.ca.gov>; izzat.amadea@navy.mil <izzat.amadea@navy.mil>; james.b.sullivan2@navy.mil <james.b.sullivan2@navy.mil>; Fassell, John (CDPH-DFDRS-RHB-RMS) <John.Fassell@cdph.ca.gov>; Johnson, Quinn <quinn.johnson@tetrattech.com>; Kim Diamond <kdiamond1000@yahoo.com>; Morgan, Larry (CDPH-PS-DDWEM) <Larry.Morgan@cdph.ca.gov>; Stahl, Lisa; lora.battaglia.ctr@navy.mil <lora.battaglia.ctr@navy.mil>; Rash, Marcie <Marcie.Rash@tetrattech.com>; Melinda Garvey <garvey.melinda@epa.gov>; Michael Tymoff <michael.tymoff@sfgov.org>; Mirian Saez <Mirian.Saez@sfgov.org>; Lavelly, Paul (CDPH-DFDRS-RHB) <Paul.Lavelly@cdph.ca.gov>; Bourgeois, Peter; Radhika Majhail <rmajhail@dtsc.ca.gov>; Remedios Sunga <rsunga@dtsc.ca.gov>; Ross Steenson <rsteenson@waterboards.ca.gov>; Ryan Miya <RMiya@dtsc.ca.gov>; Hsu, Steve (CDPH-DFDRS-RHB) <Steve.Hsu@cdph.ca.gov>; Valmassy, Tommie Jean <tommiejean.valmassy@tetrattech.com>; anthony.konzen.ctr@navy.mil <anthony.konzen.ctr@navy.mil>; Searls, Tony; Jue, Tracy (CDPH-DDWEM) <Tracy.Jue@cdph.ca.gov>; Anderson, Victor (CDPH-RHB) <Victor.Anderson@cdph.ca.gov>; Zachary Edwards <zachary.edwards@navy.mil>
Subject: RE: TI BCT Meeting August 3rd at 10AM, Tetra Tech Offices, Oakland

Shouldn't someone from Philotechnics be on this call now also?

From: Beck, Jessica [mailto:Jessica.Beck@tetrattech.com]

Sent: Tuesday, August 02, 2011 4:03 PM

To: Alec Naugle; Bill Carson; Brian Davis; Brian Holmgren; Smith, Charles@DOT; Danielle Janda (danielle.janda@navy.mil); David Clark (david.j.clark2@navy.mil); Denise Tsuji; Eric Goldman; Forrer II, Eugene (CDPH-DFDRS); Franklin Fernandez; Gary Foote; Greg Brorby; Taibi, Guy (CDPH-DDWEM); Izzat Amadea (izzat.amadea@navy.mil); Jim Sullivan (james.b.sullivan2@navy.mil); Fassell, John (CDPH-DFDRS-RHB-RMS); Johnson, Quinn; Kim Diamond; Morgan, Larry (CDPH-PS-DDWEM); Lisa Stahl; Lora Battaglia (lora.battaglia.ctr@navy.mil); Rash, Marcie; Melinda Garvey; Michael Tymoff; Mirian Saez; Lavelly, Paul (CDPH-DFDRS-RHB); Pete Bourgeois; Radhika Majhail; Remedios Sunga; Ross Steenson; Ryan Miya; Hsu, Steve (CDPH-DFDRS-RHB); Valmassy, Tommie Jean; Tony Konzen (anthony.konzen.ctr@navy.mil); Tony Searls; Jue, Tracy (CDPH-DDWEM); Anderson, Victor (CDPH-RHB); Zachary Edwards

Subject: TI BCT Meeting August 3rd at 10AM, Tetra Tech Offices, Oakland

Good afternoon, TI BCT –

In preparation for tomorrow's August 3rd, TI BCT meeting, the following files are attached:

- Agenda
- Navy Funding Priority List
- Site 12 SWDA Field Efforts Presentation
- Building 233 Presentation
- Field Activities Presentation
- Site 21 handout
- Document Tracking Sheet and Field Schedule
- Community Relations Activities List
- Draft August RAB Meeting Agenda
- Action Item List

Also attached is the updated TI BCT contact list, as well as the August TI Residents' Newsletter.

We will meet at Tetra Tech EMI, at 1999 Harrison Street, 5th Floor, at 10AM.

The BCT call-in information is:

Dial: 800-857-4419

Meeting #2011000

See you tomorrow!

Jessica A. Beck | Project Manager

Direct: 510.302.6235 | Main: 510.302.6300 | Fax: 510.433.0830

jessica.beck@tetrattech.com

Tetra Tech EM Inc.
1999 Harrison Street, Suite 500 | Oakland, CA 94612 | www.tetrattech.com

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<http://www.shawgrp.com>

Remedios Sunga - NAVSTA TI - Draft BCT Agenda and Action Items, Aug 7 at 10AM, Tetra Tech Offices, Oakland

From: "Beck, Jessica" <Jessica.Beck@tetrattech.com>
To: zachary.edwards@navy.mil; Victor.Anderson@cdph.ca.gov;
Tracy.Jue@cdph.ca.gov; Tony.Searls@shawgrp.com;
anthony.konzen.ctr@navy.mil; . . .
Date: 8/31/2011 12:33 PM
Subject: NAVSTA TI - Draft BCT Agenda and Action Items, Aug 7 at 10AM, Tetra
Tech Offices, Oakland
Attachments: 1. Sept 2011 BCT Agenda.docx; 12. Sept 2011 BCT Action Items.xlsx

Good afternoon, TI BCT –

Attached is the draft agenda for next week's BCT meeting on Wednesday, September 7, in Oakland. Also attached is the current action items list for your information or action.

If you have any items you wish to have added to the draft agenda, please let me or Jim Sullivan know.

Thanks,
Jessica

Jessica A. Beck | Project Manager

Direct: 510.302.6235 | Main: 510.302.6300 | Fax: 510.433.0830
jessica.beck@tetrattech.com

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**DRAFT AGENDA
NAVAL STATION TREASURE ISLAND
BRAC CLEANUP TEAM / REMEDIAL PROJECT MANAGERS MEETING**

Date: Wednesday, September 7, 2011

Time: 10:00 a.m. to 12:00 p.m.

Place: Tetra Tech EMI, 1999 Harrison Street, Suite 500, Oakland, CA

Dial In: 800-857-4419

Meeting ID#: 2011000

10:00 – 10:05	Item: I. Opening: Goal:	Introductions, Meeting Guidelines, Agenda Review Facilitator Introduce all attendees, review guidelines, discuss changes to agenda or add 'Other Items'
10:05 – 10:10	Item: II. Opening: Goal: Process:	Approval of BCT Meeting Minutes James Sullivan Address BCT review comments on previous meeting minutes and approve ▪ BCT discussion/question and answer ▪ LRA check-in/question and answer ▪ Update and identify action items
10:10 – 10:15	Item: III. Opening: Goal: Process:	Navy and Organizational Updates Dave Clark / James Sullivan Provide updates on Navy budget, changes within the Navy organization, and other BCT organizational updates ▪ BCT discussion/question and answer ▪ LRA check-in/question and answer ▪ Update and identify action items
10:15 – 10:25	Item: IV. Opening: Goal: Process:	Transfer Update James Sullivan Provide summary status of Navy/TIDA transfer discussions and information on transfer related environmental tasks ▪ BCT discussion/question and answer ▪ LRA check-in/question and answer ▪ Update and identify action items
10:25 – 10:40	Item: V. Opening: Goal: Process:	Field Activities Brian Holmgren Provide an update on field activities (Site 12, Building 233, and Site 31). ▪ BCT discussion/question and answer ▪ LRA check-in/question and answer ▪ Update and identify action items

**DRAFT AGENDA
NAVAL STATION TREASURE ISLAND
BRAC CLEANUP TEAM / REMEDIAL PROJECT MANAGERS MEETING**

10:40 – 11:00	Item: VI. Opening: Goal: Process:	Sites 21, 24, and 32 Groundwater Sampling Data Danielle Janda Brief the BCT on the latest groundwater sampling data from Sites 21, 24 and 32. ▪ BCT discussion/question and answer ▪ LRA check-in/question and answer ▪ Identify action items
11:00 – 11:10	Item: VII. Opening: Goal: Process:	Site 21 Remedial Action Objectives Danielle Janda Discuss Site 21 Remedial Action Objectives and path forward for Proposed Plan/Draft Remedial Action Plan and Record of Decision/Remedial Action Plan ▪ BCT discussion/question and answer ▪ LRA check-in/question and answer ▪ Identify action items
11:10 – 11:20	Item: VIII. Opening: Goal: Process:	Upcoming Documents and Field Activities Dave Clark / Jessica Beck Identify upcoming documents and field activities ✓ Distribute document tracking sheet and field schedule and discuss items upcoming in the next month ▪ BCT discussion/question and answer ▪ LRA check-in/question and answer ▪ Update and identify action items
11:20 – 11:30	Item: IX. Opening: Goal: Process:	RAB Meeting Agenda / Community Relations Update James Sullivan Discuss outcome of previous RAB meeting, the draft agenda for the upcoming RAB meeting, and provide comrel updates ✓ Discuss any inquiries received from community members ▪ BCT discussion/question and answer ▪ LRA check-in/question and answer ▪ Update and identify action items

**DRAFT AGENDA
NAVAL STATION TREASURE ISLAND
BRAC CLEANUP TEAM / REMEDIAL PROJECT MANAGERS MEETING**

11:30 – 11:50	Item: X. Opening: Goal: Process:	Discuss Other Items BCT Members Discuss other items ✓ Identify other items ▪ BCT to identify other items for discussion ▪ BCT discussion/question and answer ▪ LRA check-in/question and answer ▪ Update and identify action items
11:50 – 12:00	Item: XI. Opening: Goal: Process:	Action Item Review / Other Meetings / Future BCT Agenda Items James Sullivan Review action items, agree on agenda items for the next RPM/BCT meeting, and review scheduled upcoming meetings ✓ Review action items ✓ Review scheduled upcoming meetings ✓ BCT to identify future agenda items ▪ BCT to identify other items for discussion ▪ BCT discussion/question and answer ▪ LRA check-in/question and answer ▪ Update and identify action items

Future BCT / RPM Meetings:

October 5, 2011, Tetra Tech EM Inc., Oakland, California
November 2, Tetra Tech EM Inc., Oakland, California
December 7, 2011, Tetra Tech EM Inc., Oakland, California

TREASURE ISLAND BCT ACTION ITEMS
September 7, 2011

Item	Action Item	Lead	Due Date	Revised Due Date	Completed	Comments
TRANSFER / SITEWIDE						
1	Navy to clarify the FOST 4 scope and schedule.	Navy <i>Dave Clark</i>	TBD			As requested at the March 2011 BCT meeting.
2	Navy to provide an update on the status of the discussion between the Navy and State counsel, as well as the City of San Francisco and the developer regarding the LUCs.	Navy <i>Jim Sullivan</i>	TBD			As requested at the June 2011 BCT meeting.
RADIOLOGICAL						
3	CDPH to provide Navy with the survey data from the scan conducted at the playground.	CDPH <i>Gene Forrer</i>	09/15/11			As requested at the August 2011 BCT meeting.
4	CDPH to provide Navy with an outline of the scope for decommissioning plans.	CDPH <i>Gene Forrer</i>	09/15/11			As requested at the August 2011 BCT meeting.
BUILDING 233						
	Shaw to provide EPA with a copy of the Building 233 data package.	Shaw <i>Brian Holmgren</i>	09/07/11		08/30/11	As requested at the August 2011 BCT meeting.
SITES 21 AND 32						
	Ms. Janda to provide the schedule of the Site 21 and 32 PP/Draft RAP joint public meeting.	Navy <i>Danielle Janda</i>	09/07/11		08/18/11	As requested at the August 2011 BCT meeting.
SITE 31/33						
5	CDPH to provide Navy with the survey data or map of the Site 31 scans.	CDPH <i>Gene Forrer</i>	09/15/11			As requested at the August 2011 BCT meeting.

Notes:

BCT Base Realignment and Closure Cleanup Team
 CDPH California Department of Public Health
 EPA U.S. Environmental Protection Agency
 FOST Finding of Suitability to Transfer

PP Proposed plan
 RAP Remedial action plan
 TBD To be determined

Remedios Sunga - RE: TI BCT Meeting September 7th at 10AM, Tetra Tech Offices, Oakland

From: "Rash, Marcie" <Marcie.Rash@tetrattech.com>
To: zachary.edwards@navy.mil; Victor.Anderson@cdph.ca.gov; Tracy.Jue@cdph.ca.gov; Tony.Searls@shawgrp.com; anthony.konzen.ctr@navy.mil; . . .
Date: 9/7/2011 9:46 AM
Subject: RE: TI BCT Meeting September 7th at 10AM, Tetra Tech Offices, Oakland
Attachments: D_August TI_BCT_2011_to BCT.doc

Good Morning TI BCT –

Attached for your review is the Draft August 2011 TI BCT meeting minutes.

Thank you.

Marcie Rash, MBA, REA | Senior Project Manager
 Direct: 510.302.6324 | Main: 510.302.6300 | Personal Fax: 510.433.0830
marcie.rash@tetrattech.com

Tetra Tech
 1999 Harrison Street, Suite 500 | Oakland, CA 94612 | www.tetrattech.com

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From: Beck, Jessica
Sent: Tuesday, September 06, 2011 3:30 PM
To: Alec Naugle; Bill Carson; Brian Davis; Brian Holmgren; Charles Smith; Danielle Janda (danielle.janda@navy.mil); David Clark (david.j.clark2@navy.mil); Denise Tsuji; Eric Goldman; Franklin Fernandez; Gary Foote; Gene Forrer; Greg Brorby; Guy Taibi; Izzat Amadea (izzat.amadea@navy.mil); Jeff Wong; Jim Sullivan (james.b.sullivan2@navy.mil); John Baur; John Fassell; Johnson, Quinn; Kim Diamond; Larry Morgan; Lisa Stahl; Lora Battaglia (lora.battaglia.ctr@navy.mil); Rash, Marcie; Melinda Dragone; Michael Tymoff; Mirian Saez; Myriam Zech; Paul Lavelly; Radhika Majhail; Remedios Sunga; Ross Steenson; Ryan Miya; Steve Hsu; Valmassy, Tommie Jean; Tony Konzen (anthony.konzen.ctr@navy.mil); Tony Searls; Tracy Jue; Victor Anderson; Zachary Edwards
Cc: Phil Skorge
Subject: TI BCT Meeting September 7th at 10AM, Tetra Tech Offices, Oakland

Good afternoon, TI BCT –

In preparation for tomorrow's September 7th, TI BCT meeting, the following files are attached:

- Agenda
- Navy Funding Priority List
- Transfer Update

- Site 12 SWDA Field Efforts Presentation
- Building 233 Presentation
- Field Activities Presentation (Sites 21, 24, 32, and 31/33)
- Groundwater Results (Sites 21, 24, and 32)
- Site 6/UST 240 Corrective Action Plan presentation
- Document Tracking Sheet and Field Schedule
- Community Relations Activities List
- Draft October RAB Meeting Agenda
- Action Item List

Also attached is the September TI Residents' Newsletter.

We will meet at Tetra Tech EMI, at 1999 Harrison Street, 5th Floor, at 10AM.

The BCT call-in information is:

Dial: 800-857-4419

Meeting #2011000

See you tomorrow!

Jessica A. Beck | Project Manager

Direct: 510.302.6235 | Main: 510.302.6300 | Fax: 510.433.0830
jessica.beck@tetrattech.com

Tetra Tech EM Inc.
1999 Harrison Street, Suite 500 | Oakland, CA 94612 | www.tetrattech.com

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DRAFT
NAVAL STATION TREASURE ISLAND
REMEDIAL PROJECT MANAGERS AND
BASE REALIGNMENT AND CLOSURE CLEANUP TEAM
MEETING MINUTES
AUGUST 3, 2011

These minutes summarize discussions with the remedial project managers (RPM) and the Base Realignment and Closure (BRAC) Cleanup Team (BCT) for the former Naval Station Treasure Island (NAVSTA TI). The meeting was held at 10:00 a.m. on August 3, 2011, in the office of Tetra Tech EM Inc. (Tetra Tech) in Oakland, California. The agenda and sign-in sheet are included as [Attachment 1](#).

The following participants attended the meeting:

Izzat Amadea, Navy Resident Officer in Charge
of Construction (ROICC), via telephone

Lora Battaglia, Navy, via telephone

Jessica Beck, Tetra Tech EM Inc. (Tetra Tech)

Pete Bourgeois, Shaw Environmental Inc.
(Shaw)

Bill Carson, Terraphase Engineering (consultant
to Treasure Island Community Developers
[TICD])

Dave Clark, Navy

Gary Foote, AMEC Geomatrix (consultant to
the Treasure Island Development Authority
[TIDA])

Gene Forrer, California Department of Public
Health (CDPH) Radiological Health Branch
(RHB), via telephone

Melinda Dragone, U.S. Environmental
Protection Agency (EPA)

Danielle Janda, Navy

Quinn Johnson, Tetra Tech

Tracy Jue, CDPH Environmental
Management Branch (EMB), via telephone

Anthony Konzen, Navy

Paul Lavelly, CDPH RHB, via telephone

Radhika Majhail, California Department of
Toxic Substances Control (DTSC), via
telephone

Marcie Rash, Tetra Tech

Charles Smith, Caltrans

Ross Steenson, Water Board

James Sullivan, Navy

Remedios (Medi) Sunga, DTSC

Guy Taibi, CDPH EMB, via telephone

Denise Tsuji, DTSC

Tommie Jean Valmassy, Tetra Tech

Jeff Wong, CDPH RHB

I. Introductions, Meeting Guidelines, and Agenda Review

Marcie Rash (Tetra Tech) began the meeting with introductions and asked if any other items were to be added to the agenda (see [Attachment 1](#)). Gene Forrer (CDPH RHB) asked for a discussion about moving forward with Philotechnics and how they will provide radiological support. James Sullivan (Navy) agreed and said this will be discussed with the field activities agenda item.

Decisions: None.

Action Items: None.

II. Approval of BCT Meeting Minutes

Mr. Sullivan said the status of the meeting minutes remains the same as last month's BCT meeting (July), and that a summary of the meeting minute status is available in the draft July meeting minutes. He said he is working on the backlog of the meeting minutes and the goal is to provide the draft August minutes to the BCT before the September BCT meeting.

Jessica Beck (Tetra Tech) said the draft July meeting minutes will be distributed to the BCT for review on August 3, 2011, after the BCT meeting.

Decisions: None.

Action Items: None.

III. Navy and Organizational Updates

Navy Organizational Updates

Mr. Sullivan explained that the Department of the Navy includes various agencies, including the BRAC Program Management Office (PMO) that specifically covers the Navy and Marine Corps BRAC bases. Currently, the BRAC PMO reports to the Assistant Secretary to the Navy (ASN). As of October 1, 2011, the BRAC PMO will report to the Naval Facilities Engineering Command (NAVFAC)—to which Navy BRAC PMO had originally reported before the ASN. He said the change will not directly impact the BCT or the TI project management team.

Remedios Sunga (DTSC) asked if the directors will change. Mr. Sullivan replied no. The Navy BRAC PMO director and deputy director will remain the same but will instead report to the NAVFAC headquarters in Washington D.C.

BCT Organizational Updates

No additional organizational updates were provided by the BCT.

Navy Funding

Dave Clark (Navy) reviewed the Navy's funding priorities planned for the remainder of fiscal year 2011 (see [Attachment 2](#)). He said the Navy is finished planning new projects for the next fiscal year, but this does not preclude inclusion of any last minute items that may need support.

Mr. Clark said Item 1, additional Site 31/33 radiological field work effort, is a modification to an existing contract to support additional work for radiological work at Sites 31/33, including scanning the stockpile, etc., and the work plan is listed in the document tracking sheet (DTS). Gary Foote (AMEC Geomatrix) asked to whom the funding had been awarded. Mr. Clark noted the modification had been made to an existing Shaw contract. Originally there had been two contracts for Site 31, and the newer contract was modified. Mr. Clark noted a preview of the upcoming work in fiscal year 2012 will be provided at the next BCT meeting.

Mr. Forrer pointed out that no radiological controls were in place during the field work at Site 31, and the results from the survey show the pile of dirt excavated from within the fenced area at Site 31 is significantly contaminated. He asked if any funding is available to conduct a surface scan of the entire fenced area to verify that the significant levels of contamination had not spread during the initial excavation. He referred to problems of wind and the site location between a child development center and the Boys & Girls Club. Mr. Clark asked if Mr. Forrer was suggesting surface scans of the Site 31 footprint. Mr. Forrer replied affirmatively and recommended conducting 2x2, S-shaped pattern surface scans of the fenced area to identify any elevated areas. If the contamination has spread, the Navy should take action to prevent further spread of the contamination. Mr. Clark said conducting surface scans of the Site 31 footprint is possible depending on the availability of funding. Mr. Forrer stated this type of survey is mandated by Title 10 *Code of Federal Regulations* Part 20. This survey would be well in advance of the actual excavation. Mr. Clark noted the difficulty of conducting actions such as this scan on the spur of the moment. He noted the Navy is considering additional evaluation of certain areas at TI, and Site 31 is one of those areas.

Lora Battaglia (Navy) said a survey of the Site 31 footprint is scheduled for November. Mr. Forrer said this request is not necessarily for a characterization, but for a health and safety survey of an area known to be contaminated. Mr. Forrer said the Navy cannot wait until November to conduct the survey. Mr. Clark asked if the State feels there is an immediate, potential health risk at Site 31 with the controls still in place. Mr. Forrer said the stockpile of dirt is contaminated, and the survey showed it is contaminated; therefore, a survey is necessary, sooner rather than later, to determine if the wind has spread any contamination, and if so, to assess the impact to adjacent areas. Mr. Sullivan said he understood Mr. Forrer's concerns, and noted the Navy had implemented dust control measures during the excavation because of the chemical contaminants and air monitoring requirements. Mr. Sullivan said the Navy will consult with the Navy Radiological Affairs Support Office (RASO) to address Mr. Forrer's request and comments.

Mr. Clark asked Mr. Forrer if he knew whether EMB or RHB has survey reports or other information available to help gain a broader picture of the area. Mr. Clark said there was CDPH scanning for general health and safety purposes around all the sites. Mr. Forrer said CDPH had conducted no activity at Site 31. CDPH had completed a towed array survey along the transfer routes but detected nothing of significance. CDPH also had surveyed around Site 12, where CDPH detected the buried anomalies outside the solid waste disposal area (SWDA) boundary. He noted a stockpile survey at Site 31 had been completed in March 2011, and CDPH just had received a figure of survey results. Mr. Forrer stated that, based on his past experience with clearing uranium mines, a rule of thumb is that with a 2x2, two times the background is about 5 picoCuries per gram. In some cases at Site 31, the contamination in the stockpile had been at

three to four times background. CDPH questioned whether or not the rest of the site was contaminated, given lack of controls while the dirt had been excavated.

Ms. Battaglia asked Pete Bourgeois (Shaw) to confirm whether perimeter surveys are conducted at Site 31, and whether the information is available to share with the BCT. Mr. Bourgeois said the perimeter surveys are conducted weekly. Mr. Forrer said the surveys performed by Shaw are radiation surveys using an ion-chamber that measures radiation levels at waist height, as the technician walks around the perimeter, in order to verify that the levels are less than 100 millirem (mrem) per year to the public. The type of survey CDPH is requesting is different. He explained that the anomalies found outside the SWDA in front of Building 1325 cannot be detected using the ion-chamber during routine surveys. He clarified that the type of survey CDPH is requesting is a direct survey of close to 100 percent scan of the surface soil in a 2x2 S-shaped pattern. Denise Tsuji (DTSC) asked that, given the level of detail regarding this topic, that this be discussed at next week's technical meeting between the Navy, DTSC, and CDPH. Mr. Forrer responded that his intention for discussing the surveys had been to ask if funding could be made available for a health and safety survey within the next month at Site 31. Mr. Sullivan stated the Navy had received enough information to be able to consult with Navy RASO and contractors before next week's technical meeting.

Mr. Foote asked for clarification regarding the technical meeting scheduled with the Navy, DTSC, and CDPH. Ms. Tsuji said the technical meeting to which she had referred is a recurring technical meeting between the Navy, CDPH, and department chairs once a month—focusing on radiological components. Mr. Foote asked when the technical meetings will be held. Ms. Sunga replied that the technical meetings occur on the second Tuesday of each month.

Decisions: None.

Action Items:

- Scanning at Site 31 will be discussed during the technical call among the Navy, DTSC, and CDPH, to be held August 9.

IV. Transfer Update

Mr. Sullivan said no changes to the transfer update had occurred since the July BCT meeting. He said he will report on any updates from an upcoming meeting (yet to be scheduled) between the Navy, DTSC, and CDPH regarding the Finding of Suitability to Transfer (FOST) properties and relative to the current radiological work. Mr. Sullivan said the July transfer update has the current transfer status.

Decisions: None.

Action Items: None.

V. Field Activities Update

Building 233

Mr. Bourgeois reviewed the handout ([Attachment 4](#)) for Building 233. He said Shaw is primarily working on documentation and minimal field efforts.

Ms. Tsuji asked CDPH for the status of its review and when DTSC may anticipate CDPH comments. Mr. Clark clarified the Navy is awaiting CDPH RHB comments on the data package provided for the Building 233 debris, and that the work plan had not yet been distributed. Mr. Forrer said he apologized for the delay and noted Paul Lavelly (CDPH RHB) is working on the review. Mr. Forrer said when he last had spoken with Mr. Lavelly, he had not reviewed anything in the package that supports free-release of the building debris, and he had not seen any plans that support a survey of the wood. He said one cannot conduct alpha or gamma surveys of porous material like the wood debris. Mr. Sullivan said the Navy will discuss the Building 233 debris and develop a path forward at the next technical meeting. Ms. Tsuji asked CDPH to be prepared to provide guidance to the Navy on a path forward. Mr. Forrer suggested disposing of the building debris as low-level radiological waste, but said he will communicate with Mr. Lavelly and others reviewing the technical specifications.

Melinda Dragone (EPA) asked if the Building 233 data package is available to share with the BCT. Mr. Sullivan said yes and asked whether the EPA would like a copy of the data package. Ms. Dragone replied that having the data package will be helpful, and the EPA can have Robert Terry (EPA) provide a review. Mr. Forrer stated Mr. Lavelly had commented that the data package lacked a summary and conclusion, increasing the difficulty of reviewing what is raw data. Mr. Konzen asked if a technical meeting would be helpful to CDPH to review the data with Shaw and Navy RASO. Mr. Forrer replied yes.

Mr. Foote asked if the Navy believes that the data package supports free release. Mr. Sullivan replied affirmatively but noted the data package is subject to CDPH review. The Navy will work with CDPH and Navy RASO to determine a path forward because removing the debris is a critical path forward. Mr. Forrer stated one of Mr. Lavelly's issues with the site is that both Shaw and the Navy believe the debris is ready for free-release, yet the Navy has discussed spreading out the debris to conduct a gamma survey. The debris is either ready to be disposed of as is, or needs a gamma survey, but not both. Mr. Sullivan stated the Navy understands CDPH's concerns, and a discussion will occur during the next technical meeting or a separate call. The Navy hopes to use the existing data to clear the debris for free-release, and the Navy, Navy RASO, and CDPH will work together to see if this is possible or, if not, determine an alternative solution.

Site 12

Mr. Bourgeois reviewed the handout ([Attachment 5](#)) for Site 12. He said the Buildings 1123, 1319, and 1321 demolition work instruction follows Multi-Agency Radiation Survey and Site Investigation Manual (MARSSIM) procedures. Shaw received comments from the Navy on the internal draft work plan for Bigelow Court, and Shaw is incorporating these comments. The field activities at Bigelow Court are expected to start in early fall 2011, depending on the review process and any issues that require resolution.

Mr. Foote asked if Shaw is maintaining site security. Mr. Bourgeois replied affirmatively and explained that Shaw is on site from 5 a.m. to 5 p.m., and site security is present at all other times (24-hour coverage).

Ms. Tsuji asked if the Buildings 1123, 1319, and 1321 demolition work instruction is on target for distribution as draft to the agencies in August 2011. Mr. Bourgeois replied affirmatively. Mr. Clark said Navy RASO is currently reviewing the document.

Mr. Forrer asked if the Bigelow Court work plan is a radiological work plan. Mr. Bourgeois said the work plan has a radiological component. Mr. Forrer followed by asking if the radiological component will involve scanning the soil and pulling out the anomalies every foot of soil, or if it will involve the same component conducted at Site 31. Mr. Konzen said an initial MARSSIM characterization survey will occur, followed by a work plan to address any radiological issues, if necessary. Mr. Clark said the initial survey will occur after the building is demolished. Mr. Bourgeois stated that each layer will be scanned, and confirmation samples will be collected and analyzed at an off-site laboratory—similar to how Site 31 will be addressed. Mr. Forrer asked if the plan is to ship the waste as low-level radiological waste, similar to Site 12. Mr. Bourgeois said not currently, as this will depend on the results of the samples collected.

Decisions: None.

Action Items:

- Shaw to provide the Building 233 debris data package to EPA and if needed, set up a meeting to facilitate the review.

VI. Field Activities

Mr. Bourgeois reviewed the handout ([Attachment 6](#)) for Sites 21, 24, 31, 32, and 33. He said the results and contour maps from the second quarter groundwater sampling for Sites 21 and 24 will be distributed to the agencies when the results are received. Based on Shaw's initial review, the groundwater concentration contours look positive and the injections are continuing to work.

Mr. Bourgeois said Shaw had received all agency comments on the Site 24 Phase III treatability study work plan and is incorporating the comments into a response to comments (RTC) table. The Site 24 Phase III work plan will address residual contamination around the southern boundary of the source area. A modification to the contract also included soil gas sampling. Shaw is working on a draft soil gas sampling plan addendum to be distributed to the agencies on August 19, 2011.

Mr. Bourgeois said Shaw hopes to be out in the field in early September 2011—once all comments on the Site 24 Phase III treatability work plan have been received and resolved. Shaw is adjusting the Site 24 Phase III work plan regarding the locations, based on agency comments and results from the second quarter sampling. A contour map with analytical results from the second quarter monitoring will be distributed to the agencies soon.

Mr. Bourgeois said the internal draft removal action work plans for Sites 31 and 33 had been modified to follow MARSSIM procedures. These work plans will be sent to the Navy for review

on August 19, instead of August 4, and will be distributed as draft to the agencies on September 23, 2011.

New California Licensing Requirements

Mr. Sullivan said that to address Mr. Forrer's request to discuss licensing, specific details regarding the licensing must be discussed with Shaw and Philotechnics staff (and possibly Navy BRAC and RASO) at a different time. However, it will be beneficial for the BCT to hear, from a general project management perspective, what steps are required to complete the licensing.

Mr. Forrer provided a general overview of the licensing procedures. He explained that normally at a site where the State of California has jurisdiction, the licensee that owns the material will submit a decommissioning plan. However, in this case, the licensee who owns the material is the Navy—which is not obligated to send CDPH a decommissioning plan. CDPH needs to approve the decommissioning activities occurring on site for health and safety and other aspects. Shaw, Philotechnics, and any other contractor must implement the new requirements—starting at NAVSTA TI and subsequently at other bases. Contractors must submit a plan that addresses the health and safety aspects, and describes how the contractors will sample to ensure disposal of the soil at the proper disposal facility. He cited Site 31 as an example, stating CDPH must know how the contractor will (1) ensure health and safety, (2) excavate the material, (3) utilize the types of instrumentation to be applied, and (4) ensure the material is released and the site meets the requirements for unrestricted use. CDPH will need to review the health and safety work plan. Shaw is working on its work plan, and Philotechnics must submit a similar document if Philotechnics will be involved in radiological fieldwork that involves breaking ground—Mr. Forrer stated he will talk with Philotechnics about this.

Ms. Tsuji asked if CDPH has a guidance document or an example it can provide to the Navy that outlines what information the work plans must include. Mr. Forrer said CDPH is working on an outline, but even for standard decommissioning plans, an outline is not available. He explained the work plans primarily address health and safety issues. Philotechnics will need to work with CDPH RHB—on developing its work plan. Ms. Tsuji asked if CDPH had an example in its public file that meets CDPH's approval. Even if an example does not match the particular circumstances of NAVSTA TI, the example would provide a general understanding of the agency's requirements. Mr. Forrer replied that after CDPH discovered no oversight had occurred at NAVSTA TI (over which the State of California has jurisdiction), CDPH implemented the requirements for a work plan. Ms. Tsuji asked if NAVSTA TI is the first project the State of California is overseeing from a radiological standpoint. Mr. Forrer said NAVSTA TI is the first.

Mr. Forrer referenced an example using Roche Pharmaceuticals (Roche). Before the decommissioning and remediation work can proceed, Roche's contractor submits a decommissioning plan that addresses: (1) health and safety to the public and the field workers during excavation, (2) dust control, (3) perimeter monitoring and air monitoring, (5) survey instrumentation, (6) instrument calculations to verify accuracy of the work involved, (7) surveys of personnel and equipment leaving the area, (8) radiological perimeter surveys, and (9) verification that the soil is released for unrestricted use. He noted the release criterion is not necessary in the work plan CDPH is requesting.

Ms. Tsuji asked if CDPH has an approved Roche document it could share as an example. Mr. Forrer replied that one may be on file, but DTSC will need to ask Mr. Gonzalo Perez (CDPH-RHB). The requested work plan is a new requirement because CDPH cannot ask the Navy to submit a decommissioning plan, even though a decommissioning plan is required from the owner of the material. However, in this case, the responsibility to submit a work plan falls on the Navy's contractor. Separate plans must be submitted for specific field efforts. For example, submittal of a separate plan for the building demolition is necessary because the field effort has a different dynamic than the current field efforts planned. He concluded that CDPH requires a specified work plan from Shaw or any other contractor that comes to work on a naval base over which the State of California has jurisdiction.

Mr. Sullivan asked if the specified work plan is similar to the aspects of a decommissioning plan but is not called a decommissioning plan. Mr. Forrer replied affirmatively. Mr. Sullivan asked if the licensee writes the plan. Mr. Forrer explained the plan is written by the contractor who is licensed by the State of California to do the work, or has reciprocity, and is working under a license condition. The license condition states that 30 days before decommissioning of the facility, the licensee will submit a decommissioning plan to detail how the licensee will verify everything is clean and how all the contaminated material will be handled. Mr. Sullivan said a complete work plan includes chemical, radiological, and other components, and CDPH appears to be requesting a focused plan. Mr. Forrer stated the plan is similar to Appendix C of the Site 12 Work Plan, which is the radiological component of the work plan. Mr. Forrer stated that CDPH is not asking Shaw to create a new document. If a radiological work plan is incorporated into the Site 31 work plan, Shaw does not have to write a new work plan just for CDPH. Shaw can use the radiological work plan from the Site 31 work plan, and if gaps are in the work plan identified by CDPH, CDPH will ask Shaw to add more information. Mr. Forrer said the plan is similar to Appendix C of the Site 12 Work Plan, but that CDPH (RHB) just wants the appendix and not the whole work plan. Mr. Konzen stated that an outline would be helpful guidance. Mr. Sullivan said the Navy will talk to Navy RASO and will raise follow-up questions for CDPH. Mr. Forrer concluded that he had wanted to provide a general overview during this meeting and anticipates further questions.

Mr. Foote asked if the radiological protection plan CDPH is requesting lies within the context of work that will be ongoing at Sites 31/33, Bigelow Court, and Halyburton Court. Mr. Forrer explained that if Philotechnics submits a plan to CDPH stating Philotechnics has been awarded a contract to conduct work at Site 31, and then moves on to work at another site (such as Bigelow Court) and plans to conduct work exactly the same way as at Site 31, Philotechnics would need only to send a letter to CDPH stating Philotechnics has added Bigelow Court to the scope of its work, which is same type of work as conducted at Site 31. Knowing this, CDPH should approve Philotechnics survey of the dirt at Bigelow Court. However, if Philotechnics supports a building demolition, Philotechnics will need to submit a new focused plan because surveying dirt and performing a building demolition are two different field efforts. The focused plan can be a supplement of a document already submitted, but Philotechnics must highlight any differences and include how it will ensure health and safety.

Mr. Foote reiterated that he wanted to know the circumstances under which a focused work plan would be required. From what he understands, the plan is required when working at a known

radiological area where field efforts will be conducted. Mr. Forrer said the focused work plan will be invoked when Philotechnics or any other contractor conducts work at a facility with a radiological component and over which the State of California has jurisdiction, but the owner of the material does not have a California license.

Mr. Forrer stated he had been researching the jurisdiction of other naval facilities around San Francisco Bay and in California. His understanding was that the BRAC real estate office knows the overall standing jurisdiction. Mr. Forrer asked if the BCT could provide guidance. Mr. Sullivan said that the BCT members work specifically for NAVSTA TI, and he noted this is a state-wide issue that management of DTSC and CDPH should discuss. Ms. Tsuji agreed with Mr. Sullivan and indicated that the DTSC and CDPH management will discuss this issue at the next monthly management meeting.

Site 21 Proposed Plan Schedule

Danielle Janda (Navy) provided a handout regarding progress at Site 21 ([Attachment 7](#)). She said the Site 21 Proposed Plan/Draft Remedial Action Plan (PP/Draft RAP) is part of the initial conveyance. The Site 21 PP/Draft RAP is on hold due to the upcoming soil gas investigation. She said the problem of waiting to conduct the soil gas sampling before moving forward with the PP/Draft RAP is that the Record of Decision/RAP (ROD/RAP) will not be signed prior to the initial conveyance in April 2012.

Ms. Janda said development of the site-specific soil gas screening levels will be completed within the next few weeks. She said she had looked back at the Site 21 human health risk assessment (HHRA) and compared the Navy's maximum soil gas results from November and December 2010 with the concentrations used to develop the screening levels. The comparison showed that the Navy's soil gas levels from November/December are much lower than what had been used to calculate the screening levels, meaning the risk will be lower than those levels once the HHRA addendum is developed. The Navy wants to move forward with the Site 21 PP/Draft RAP because the land use controls (LUC) decisions will not change, but the soil gas investigation will impact the detail in the Site 21 ROD/RAP.

Ms. Janda said the handout presents the proposed schedule and outlines the target dates. The soil gas investigation will take longer but the aim is to submit the draft soil gas sampling and HHRA addendum at the same time as the draft ROD/RAP to be reviewed by the BCT concurrently. In the mean time, the Navy will move forward with the Site 21 PP/Draft RAP as the Navy receives comments from the BCT.

Ms. Sunga said DTSC has additional comments that it would like to include before distributing the RTCs and the PP/Draft RAP for review. Ms. Janda said that, absent objections to her request, the Navy will submit the comments within 2 weeks. Ms. Sunga noted the greater efficiency of receiving the RTCs and the revised PP/Draft RAP at the same time to streamline the responses and approve the RTCs before the PP/Draft RAP. Ms. Janda said the Navy will submit the documents concurrently to the BCT for review.

Ms. Janda also stated that while working on the proposed schedule for Site 21, she had noticed the public meetings for Sites 21 and 32 PP/Draft RAPs will be held at approximately the same time. She proposed the Navy and DTSC hold both the Site 21 and Site 32 PP/Draft RAP public

meetings at the same time. Radhika Majhail (DTSC) asked if the meetings would be held at the same time and place, and Ms. Janda replied affirmatively. Mr. Sullivan explained the meetings would not be held back to back, but the two PP/Draft RAPs would be presented at one public meeting. Ms. Majhail asked if the open house would occur before the public meeting. Ms. Janda said the Navy is planning on organizing the meeting like the Site 27 PP/Draft RAP meeting, which is to have an open house followed by the presentations. In this case, two presentations would occur, and the room would be divided with posters for each site. Ms. Majhail asked if the public meetings would be held in September. Ms. Janda said the Site 32 PP/Draft RAP public meeting was tentatively scheduled for late October, but that Site 32 is ahead of schedule and the public meeting could be held earlier. Ms. Majhail asked how much time would be available for the public meeting. Mr. Sullivan said for Site 27, 2 hours had been allotted, but only 30 minutes would be needed for the formal presentation, and the remaining time would be for the open house.

Ms. Tsuji asked about the rationale for holding the open house after the presentation portion. Mr. Sullivan said the Navy had set a fixed time for the presentation, allowing the public to drop in to collect handouts and ask questions. Ms. Tsuji asked which part of the meeting would include more participants. Mr. Sullivan said participation would be split almost evenly, with a total of 10 participants (four participants during the public meeting and six during the open house). Ms. Tsuji suggested holding the open house a few days before the public meeting and then presenting the formal presentations at the public meeting where participants can raise questions and receive responses to their questions. She concluded that addressing two sites would involve presentation of a lot of information at one meeting. Mr. Sullivan said the Navy would consider her suggestions and may need to conduct additional discussion with DTSC about the best approach for the two public meetings.

Mr. Foote asked, regarding the C_{source} , if the numbers are from the pre-treatment data. Ms. Janda replied affirmatively and said these are the groundwater concentrations in the RI Report.

Decisions: None.

Action Items:

- Ms. Janda to provide the schedule of the Site 21 and 32 PP/Draft RAP joint public meeting.

VII. Upcoming Documents and Field Activities

Upcoming Documents

Mr. Clark reviewed the DTS ([Attachment 8](#)) and highlighted the draft and final documents anticipated for delivery and agency review that are due within the next 30 days. He said generally the main priority is moving forward the remaining three closing conditions for the initial conveyance in April 2012. The closing conditions for the initial conveyance are Site 21, Building 233, and Sites 31/33—of which Site 33 not Site 31, is the area subject to the closing condition. The Navy's second priority is to address State issues relative to general radiological issues.

Bill Carson (TIDA) noted that according to the DTS and field schedule, the BCT will receive a work plan for Site 33 and plans to conduct fieldwork based on that work plan. Mr. Carson asked, from CDPH's perspective, whether these work plans would not be approved until the other work plan CDPH is requesting has been approved. Mr. Clark replied CDPH does not want to see the whole remediation work plan. Mr. Carson asked if RHB needs the decommissioning plan in order to license the contractors to conduct the work on site and if EMB is reviewing the work plan listed in the DTS. Mr. Clark said that is his understanding. Mr. Forrer said he cannot speak for licensing, but an already existing appendix likely covers radiological controls, and health and safety specifications will be sufficient for Shaw or Philotechnics to submit to CDPH. CDPH is not asking Shaw or Philotechnics to reinvent the wheel, nor do they have to convey two separate submittals to EMB and RHB if these are generally the same. He explained the decommissioning work plan is CDPH's attempt to fill a hole in its regulatory oversight. NAVSTA TI is the first project for which CDPH is implementing this new requirement—the decommissioning plan.

Ms. Tsuji asked EMB and RHB if the Navy and its subcontractors could prepare the appendix (decommissioning plan) comprehensively enough for both CDPH branches to review concurrently and provide comments back at the same time DTSC and the Water Board review the full work plan. Mr. Forrer said this would be possible, depending on what is submitted and the adequacy of that. Ms. Tsuji stated the task is for the contractors to provide an appendix that satisfies both CDPH RHB and EMB's needs and allow concurrent reviews. Mr. Forrer said whatever the contractor submits to RHB will be part of the contractor's license, and the plan will be submitted by the contractor to CDPH and not from the BRAC for agency review. Mr. Tsuji asked if the contractor can submit the appendix to CDPH separately, but identical to the appendix that is part of the full work plan submitted for agency review. Mr. Forrer replied affirmatively. Once RHB reviews the plan and determines whether or not additional information is needed, the decommissioning plan becomes the first pseudo-template. At this time, RBH cannot say with absolute certainty that concurrent CDPH reviews of the decommissioning plan will occur alongside the DTSC and Water Board reviews of the work plan because the reviews are for different purposes by different agencies. Ms. Tsuji said she is not looking for absolutes but trying to specify the workflow of the review to reach everyone's goals.

Ms. Tsuji asked if CDPH will commit to coordinating and facilitating the document reviews by EMB and RHB. Mr. Lavelly explained Mr. Forrer and himself work under the inspection, compliance, and enforcement group within RHB—a group separate from licensing within RHB. The licensing group—not the inspection, compliance, and enforcement group—performs the review of the licensing material and the submittals. Mr. Lavelly explained Shaw and Philotechnics are working closely together and are in continual communication with the licensing representatives reviewing the licensing materials submitted to date. The inspection, compliance, and enforcement group is not involved in the communications among Shaw, Philotechnics, and licensing. The staff of Shaw and Philotechnics involved in the application and submittal of the license, together with the license representative with whom they are working, will know the status of the license and are the ones who will be able to answer today's questions regarding the license—not the inspection, compliance, and enforcement group. Mr. Forrer said he had talked to the head of licensing before today's BCT meeting and merely

provided the BCT a broad scope of what licensing would need. Details must be further refined during the discussions among Shaw, Philotechnics, and the licensing representatives.

Mr. Carson clarified his understanding that Shaw and Philotechnics will submit a decommissioning plan to RHB, and the license must be issued to them before they can conduct any fieldwork. Then would come the work plan that details the work. Mr. Clark agreed. Mr. Bourgeois added that the RPP is an appendix to the work plan that the BCT will receive for review. Mr. Forrer said the licensing group will want to see the equivalent of the RPP from Philotechnics, and the rest of the overall work plan will be submitted to the other groups within RHB who will review it. He further explained that in order to not reinvent the wheel continually, the Navy can incorporate what the licensing group needs in the RPP so that Philotechnics can proceed with work at NAVSTA TI—thereby facilitating the license application and review process for all involved.

Mr. Bourgeois asked if the Navy would put Philotechnics into the RPP, and as long as Philotechnics approves the RPP, then would Philotechnics be part of the RPP? Mr. Forrer replied affirmatively; however, if the RPP in the work plan changes based on everyone's comments, and that is what Philotechnics will be working under, licensing will have to review the RPP again, with any changes highlighted to facilitate that re-review.

Mr. Carson asked what group within RHB will review the overall work plan. Mr. Forrer identified himself and Mr. Lavelly. He said they will examine primarily the Building 233 RPP, but will also review other portions of the document to look for other issues that might affect radiological safety. Mr. Carson asked if during the review period they would be coordinating within licensing to ensure everyone is on the same page. Mr. Lavelly replied that licensing had agreed to continually inform the inspection, compliance, and enforcement group of licensing's activities when licensing feels the RPP is sufficient for review. At the current time, licensing feels the document is not adequate. The licensing group has generated a list of questions geared towards developing an adequate RPP for Building 233. Once licensing believes an adequate RPP has been developed, the RPP can be reviewed by other organizations within RHB.

Mr. Carson asked the Navy if the first approved RPP by CDPH will be associated with the Building 233 Characterization, Remediation, and Final Status Survey (FSS) Work Plan. Mr. Clark replied affirmatively. Mr. Forrer replied not necessarily due to violation issued by RHB related to compliance issues. Mr. Forrer will not begin his review of the Building 233 debris data package until Shaw adequately resolves the violations that RHB issued, which are related to failure to conduct instrument calibrations and surveys in accordance with Shaw's standard operating procedures detailed in Shaw's license. Mr. Clark said Mr. Carson is referring to the Building 233 Footprint work plan, which is currently in internal Navy review and will be submitted for BCT review that includes DTSC and both EMB and RHB. Mr. Foote asked if the Navy will have an FSS of the Building 233 footprint, which is not an FSS for Building 233. Mr. Clark replied affirmatively.

Mr. Forrer noted needs for many characterizations and remediation at the ground level because of the high readings at Building 233 entrance areas. Mr. Clark said the Navy plans to address the entrance areas as part of the Building 233 remediation field work. Mr. Forrer said to include an FSS with the characterizations and remediation is unorthodox. Mr. Clark said the Navy

understands that including an FSS is not the best approach, but in the interest of time, the FSS work plan is included as part of the subject document. Mr. Bourgeois said this had been done in the past at Hunters Point Naval Shipyard. Mr. Sullivan noted that the characterization, remediation, and FSS will occur as separate phases of field work.

Mr. Forrer recognized that Mr. Lavelly had not joined the BCT meeting during the Building 233 debris summary package discussion, and he reiterated to Mr. Lavelly what he had summarized to the BCT. Mr. Lavelly said he had looked at the Building 233 data Shaw submitted and at the violation issued because Shaw had failed to calibrate its instrumentation and prepare test survey meters for surveys of the materials and equipment. He said until Shaw resolves the violations, the results provided in the survey data package will be in question. RHB cannot determine if results of the surveys of the Building 233 debris can be used until the violation has been resolved. Mr. Konzen asked whether if Shaw can verify the instrument calibrations, the Navy could assume potential release of the debris? Mr. Lavelly said if the instrumental calibrations could be verified, the data package could be reviewed. Mr. Konzen asked if Mr. Lavelly could clarify if he had reviewed the data package. Mr. Lavelly explained he had conducted a general review, but due to the violations, he had not completed a full review. He advised Shaw that in light of the violations RHB had issued, Shaw might prefer to pull back the document until the violation had been resolved in case modifications would be necessary. At this time, RHB has no reason to review a document of this size and complexity if RHB believes Shaw used inadequately calibrated survey meters to perform the work. Mr. Konzen asked who Mr. Lavelly had talked to at Shaw about this, because the Navy's project manager previously had not heard of this. Mr. Lavelly said the corporate radiation safety officer (RSO) had been contacted via written communication.

Mr. Carson asked if the RPP that RHB is requesting will be submitted at the end of the August. Mr. Clark said no, as today is the first time the Navy has heard of the formal framework for reviewing a RPP that is to be submitted by the contractor and that can be the same RPP appendix. Mr. Carson asked if Shaw had written an RPP. Mr. Clark replied affirmatively. Mr. Carson said therefore the Navy and Shaw need to ensure Philotechnics approves of Shaw's RPP, and then the plan can be submitted as part of the overall work plan and also be submitted separately to the licensing group. Mr. Forrer said CDPH requires the contractor to submit the decommissioning plan, also referred to as an RPP, in order to ensure CDPH that the contractor approves of and is committed to the plan. If the RPP would come from part of another overall plan not written by Philotechnics, CDPH would not have anything on file specifying Philotechnics' commitment to the plan.

Mr. Forrer said that other experts with whom he had discussed the Building 233 issues do not believe the methodology to survey the wood is adequate for Navy to release the wood for alpha contamination based on a direct survey. If the alpha contamination has penetrated far enough into the wood or any porous material, the survey would not be able to detect the contamination. CDPH has issues with reviewing the Building 233 data package due to the inadequacy of the methodology intended to release the wood. Mr. Clark said the Navy understands the issues related to the wood and the alpha surveys. Now the Navy has received clarification regarding the framework for the Building 233 work plan review process, which the Navy did not have

before. The framework will allow the Navy to move forward with the work plan and future work plans.

Mr. Lavelly suggested the Navy ask Philotechnics and Shaw how the licensing processes are progressing. RHB cannot provide the information to the Navy. Shaw and Philotechnics should be working on a one-on-one basis with their license reviewer and the license reviewer's supervisor. It is too early for the inspection, compliance, and enforcement group to be involved with the license. He said he has been involved directly because he had worked in the licensing department and can provide guidance from the licensing and the inspection, compliance, and enforcement perspective. To date, the RPP is not adequate, and the licensing department awaits responses to the list of questions it submitted.

Mr. Forrer said that at a meeting with Shaw 2 weeks previously, Shaw had gone through all the licensing issues, point-by-point, on how to submit Shaw's initial license. Shaw received clarification on what it will need to submit specific to NAVSTA TI. He suggested Philotechnics talk to the Shaw regulatory staff involved, for example Mark Summerville, to ask about Shaw's impressions regarding RHB's needs for the site-specific work plan and the ecological protection plan.

Mr. Clark reviewed the DTS and highlighted documents that specify closing conditions. He said the FOST 1 and 2 Addendum and FOST 3 are on hold pending resolution of State concerns regarding radiological issues at NAVSTA TI. The final site management plan (SMP) had been pushed back pending DTSC and Navy RASO discussions to determine schedules for a few sites and the overall schedule. The Navy awaits comments on the Site 12 Remediation Investigation (RI) Report. Mr. Clark noted a new document, the YF3 additional soil and groundwater sampling work plan, which is in internal Navy review and will be distributed to the agencies October 7, 2011.

Decisions: None.

Action Items: None.

Field Schedule

Mr. Clark reviewed the field activities sheet and said none had been scheduled to begin within the next 30 days (see [Attachment 9](#)), apart from the continued health and safety radiological monitoring.

Decisions: None.

Action Items: None.

VIII. RAB Meeting Agenda/Community Relations Update

Mr. Sullivan reviewed the draft agenda items for the RAB meeting on August 16, 2011 (see [Attachment 10](#)), which he had discussed with the RAB members. The RAB agenda is based on topical items from the BCT DTS and field schedule. He said the purpose of the access update is

to notify the public of the areas inaccessible to the public—specifically portions of the perimeter roads.

Mr. Sullivan said the RAB members would like to add a question and answer place holder to the August agenda for the draft Site 12 RI Report because the comment period ends in late August. Another possible agenda item is a preview of the Sites 21 and 32 PP/Draft RAP, depending on whether they would be ready in October. The last site tour of NAVSTA TI (due to the seasonal availability of light) will be available before the August RAB meeting from 6 to 7 p.m.

Mr. Sullivan said he had received three inquiries, one of which had not been from the media. The first had been an email from a World War II veteran stationed at NAVSTA TI. He asked why the Navy's website did not have information regarding his unit—the Armed Guard. The Armed Guard was a group of naval sailors who had shipped out on DeKarver ships crewed by civilians, in order to provide protection at sea from aircrafts and other threats. Mr. Sullivan said in the future, the Navy will add a description of these WWII activities to the NAVSTA TI webpage. The second inquiry had been by a representative from the League of Women Voters, who was writing an article on both the redevelopment and remediation. Her inquiry had specifically regarded remediation. This second media inquiry had been from Mark Hedin, a writer from a San Francisco periodical called *Central City Extra San Francisco*. Ms. Sunga said DTSC had received the same media inquiry and is still seeking information that had been cited in a 2006 paper about detection of 1.5 parts per million (ppm) oil concentration in 2005. Mr. Sullivan explained that the article had referenced specific data points. One data point had been a 19,000 ppm detection of polychlorinated biphenyls (PCB) that the Navy had known about and to which the Navy had responded as part of the initial site investigation prior to the soil removal. The Navy is not sure from where the other data point of 1.5 ppm came—possibly from a soil investigation that had been part of the indoor air investigation.

Tommie Jean Valmassy (Tetra Tech) provided a community relations update (see [Attachment 11](#)), including an overview of items to be distributed to the public. She said a week before each RAB meeting, a public notice is published in the *San Francisco Examiner* notifying the public of the next RAB meeting. She said updates to the general environmental fact sheet are occurring, and the fact sheet will be distributed to the BCT for input. The general fact sheet is an overview of the environmental program at NAVSTA TI. Mr. Sullivan noted the Navy's preference to wait on updating the fact sheet until the SMP is finalized, but due to media and public inquiries, the Navy has decided to distribute the fact sheet soon and then make revisions per the final SMP. Ms. Valmassy noted that the majority of the updates will be to the site status table. Ms. Sunga stated that the general fact sheet is very helpful, and DTSC provides it for all media and public inquiries. Mr. Sullivan said the current version of the fact sheet is available on the Navy's webpage.

Ms. Valmassy said the Site 21 and 32 PP/Draft RAPs will be sent to the community mailing list, and a public notice will be published in the *San Francisco Chronicle* stating the dates and times of the comment period and public meeting once the schedules have been determined. Ms. Valmassy suggested setting up a conference call before the September BCT meeting with the Navy and DTSC to finalize the schedules for the PP/Draft RAPs. Ms. Janda said she will email the BCT once the timeframe for the PP/Draft RAP schedules are determined. She asked if the

EPA and Water Board would attend the public meetings. Mr. Sullivan said all agencies are invited to attend.

Ms. Valmassy asked the BCT for any volunteers to be featured in the team member profile in the next newsletter, and to contact her if they are interested. Mr. Sullivan also noted that the RAB meeting on December 20, 2011, is subject to change to another day in December if that date conflicts with the holidays.

Decisions: None.

Action Items: None.

IX. Action Item Review/Other Meetings/Future BCT Agenda Items

Action Items:

Ms. Rash reviewed the action items list (see [Attachment 12](#)) and noted the outstanding items. The following items remain to be determined (TBD): Item 1, *“Navy is to clarify the FOST 4 scope and schedule”*; Item 2, *“Navy to provide an update on the status of the discussion between the Navy and the State counsel, as well as the City of San Francisco developer regarding the LUCs”*; and Item 3, *“Navy to schedule a technical meeting with CDPH regarding the thorium results.”* Mr. Sullivan said the Navy will follow up with its legal counsel regarding Item 2. For Item 3, the Navy had gathered information that the Navy and contractors are discussing with Navy RASO; the Navy will provide an update on Item 3 at the Tuesday, August 9 technical meeting.

Regarding Item 4, *“Mr. Forrer to provide a figure of the scans performed by CDPH,”* Mr. Sullivan said that Victor Anderson (CDPH) had provided the Navy feedback, and the document is under development and can be removed from the action item list. Mr. Forrer added he had talked to Roger Lupo (DTSC RHB) and noted raw information and a summary of the four detections had been provided to everyone. He said he also had received results from sampling at the playground that indicated detections of thorium concentrations mixed with different types of uranium. The thorium is naturally occurring, probably from the buried firebrick, but the Navy will have to explain the elevated levels in a release report. Mr. Sullivan asked if CDPH can provide those results to the Navy. Mr. Forrer said he will send the results to EMB to direct the data to the appropriate Navy contacts. He said that no samples had been collected at the Site 31 stockpile.

Mr. Foote asked if the results from the playground must be addressed when considering release of this area. Mr. Forrer said the area had been identified as a known radiological area. In order to release the site, the Navy will have to prove the thorium is naturally occurring, which is hard because the area is fill and the fill probably did not contain thorium. The thorium must be addressed, and how to release the material will require concurrence from all agencies. He said the area should be characterized to determine if other materials are in the soil, because the area is outside of controlled areas. Mr. Sullivan said the Navy will be ready to discuss the path forward at the Tuesday, August 9 technical meeting. Mr. Forrer raised another issue regarding the background survey: Shaw had not taken immediate action to identify the material or determine

the extent of the contamination after it detected high concentrations in the playground. Shaw only recorded the concentration levels. Mr. Sullivan said Shaw had performed a followup. Mr. Forrer agreed, but asserted that the followup had occurred only after he had expressed his concerns regarding the radiological materials in the background area.

Mr. Sullivan said Item 5, "*Mr. Forrer will follow up with Mr. Lavelly and Mr. Prendergast regarding the review of the Building 233 data package,*" had been completed through the current BCT meeting discussions. Regarding Item 6, "*Navy will distribute the updated contact list to the BCT,*" Mr. Sullivan said Jessica Beck (Tetra Tech) had emailed the list; Mr. Sullivan noted that if BCT has additional updates, it should contact Ms. Beck.

Ms. Rash reviewed the new action items from the meeting:

- Shaw to provide the Building 233 debris data package to EPA and, if needed, set up a meeting to facilitate the review.
- Ms. Janda to provide the schedule of the Site 21 and 32 PP/Draft RAP joint public meeting.
- Mr. Forrer (RHB) to send the results related to thorium to EMB; in turn, EMB will provide the data to the Navy.

Ms. Rash reviewed other meeting agenda items that may apply to the Tuesday, August 9 meeting:

- Building 233 debris data package
- Request for additional surface scans within the fenced area of Site 31
- Scope of the decommissioning plan, also referred to as the RPP
- Path forward in regard to the playground results.

Ms. Dragone asked who will be involved in the Tuesday August 9 meeting, and if EPA can participate. Mr. Sullivan replied that participants will include CDPH, DTSC, and the Navy; he also responded that EPA can participate.

Future Agenda Items:

Ms. Rash asked for any future agenda items to add to the next BCT meeting scheduled for September 7, 2011, at the Tetra Tech Oakland office. She said the draft September agenda will be e-mailed a week before the next BCT meeting for review and comment.

Future BCT Meetings

- September 7, 2011, Tetra Tech, Oakland, California
- October 5, 2011, Tetra Tech, Oakland, California
- November 2, 2011, Tetra Tech, Oakland, California

The meeting adjourned at 12:06 p.m.

Remedios Sunga - TI - Draft BCT Agenda, Oct 5 at 10AM, Tetra Tech Offices, Oakland

From: "Beck, Jessica" <Jessica.Beck@tetrattech.com>
To: zachary.edwards@navy.mil; Victor.Anderson@cdph.ca.gov;
Tracy.Jue@cdph.ca.gov; Tony.Searls@shawgrp.com;
anthony.konzen.ctr@navy.mil; . . .
Date: 9/29/2011 3:29 PM
Subject: TI - Draft BCT Agenda, Oct 5 at 10AM, Tetra Tech Offices, Oakland
Attachments: 1a. Draft Oct 2011 BCT Agenda.docx

Good afternoon, TI BCT –

Attached is the draft agenda for next week's BCT meeting on Wednesday, October 5, in Oakland.

Please also note that there will be a post-BCT meeting to discuss the Site 31/33 Draft Work Plan from 12:30-2:00. A separate call-in number is shown at the end of the agenda.

If you have any questions or comments on the draft agenda, please let me or Jim know.

Jessica

Jessica A. Beck | Project Manager

Direct: 510.302.6235 | Main: 510.302.6300 | Fax: 510.433.0830
jessica.beck@tetrattech.com

Tetra Tech EM Inc.
1999 Harrison Street, Suite 500 | Oakland, CA 94612 | www.tetrattech.com

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**DRAFT AGENDA
NAVAL STATION TREASURE ISLAND
BRAC CLEANUP TEAM / REMEDIAL PROJECT MANAGERS MEETING**

Date: Wednesday, October 5, 2011

Time: 10:00 a.m. to 12:00 p.m.

Place: Tetra Tech EMI, 1999 Harrison Street, Suite 500, Oakland, CA

Dial In: 800-857-4419

Meeting ID#: 2011000

10:00 – 10:05	Item: I. Opening: Goal:	Introductions, Meeting Guidelines, Agenda Review Facilitator Introduce all attendees, review guidelines, discuss changes to agenda or add 'Other Items'
10:05 – 10:10	Item: II. Opening: Goal: Process:	Approval of BCT Meeting Minutes James Sullivan Address BCT review comments on previous meeting minutes and approve ▪ BCT discussion/question and answer ▪ LRA check-in/question and answer ▪ Update and identify action items
10:10 – 10:20	Item: III. Opening: Goal: Process:	Navy and Organizational Updates Dave Clark / James Sullivan Provide updates on Navy budget, changes within the Navy organization, and other BCT organizational updates ▪ BCT discussion/question and answer ▪ LRA check-in/question and answer ▪ Update and identify action items
10:20 – 10:35	Item: IV. Opening: Goal: Process:	Transfer Update James Sullivan Provide summary status of Navy/TIDA transfer discussions and information on transfer related environmental tasks ▪ BCT discussion/question and answer ▪ LRA check-in/question and answer ▪ Update and identify action items
10:35 – 11:00	Item: V. Opening: Goal: Process:	Field Activities Brian Holmgren Provide an update on field activities (Site 12, Building 233, and Site 31). ▪ BCT discussion/question and answer ▪ LRA check-in/question and answer ▪ Update and identify action items

**DRAFT AGENDA
NAVAL STATION TREASURE ISLAND
BRAC CLEANUP TEAM / REMEDIAL PROJECT MANAGERS MEETING**

11:00 – 11:10	Item: VI. Opening: Goal: Process:	Site 21 Specific Screening Levels Danielle Janda Discuss site-specific screening levels for Site 21 ▪ BCT discussion/question and answer ▪ LRA check-in/question and answer ▪ Update and identify action items
11:10 – 11:20	Item: VII. Opening: Goal: Process:	Upcoming Documents and Field Activities Dave Clark / Jessica Beck Identify upcoming documents and field activities ✓ Distribute document tracking sheet and field schedule and discuss items upcoming in the next month ▪ BCT discussion/question and answer ▪ LRA check-in/question and answer ▪ Update and identify action items
11:20 – 11:35	Item: VIII. Opening: Goal: Process:	RAB Meeting Agenda / Community Relations Update James Sullivan / Tommie Jean Valmassy Discuss outcome of previous RAB meeting, the draft agenda for the upcoming RAB meeting, and provide comrel updates ✓ Discuss any inquiries received from community members ▪ BCT discussion/question and answer ▪ LRA check-in/question and answer ▪ Update and identify action items
11:35 – 11:50	Item: IX. Opening: Goal: Process:	Discuss Other Items BCT Members Discuss other items ✓ Identify other items ▪ BCT to identify other items for discussion ▪ BCT discussion/question and answer ▪ LRA check-in/question and answer ▪ Update and identify action items

**DRAFT AGENDA
NAVAL STATION TREASURE ISLAND
BRAC CLEANUP TEAM / REMEDIAL PROJECT MANAGERS MEETING**

- 11:50 – 12:00 Item: **X.** **Action Item Review / Other Meetings / Future BCT Agenda Items**
- Opening: James Sullivan
- Goal: Review action items, agree on agenda items for the next RPM/BCT meeting, and review scheduled upcoming meetings
- Process:
- ✓ Review action items
 - ✓ Review scheduled upcoming meetings
 - ✓ BCT to identify future agenda items
-
- BCT to identify other items for discussion
 - BCT discussion/question and answer
 - LRA check-in/question and answer
 - Update and identify action items

Future BCT / RPM Meetings:

November 2, 2011, Tetra Tech EM Inc., Oakland, California
December 7, 2011, Tetra Tech EM Inc., Oakland, California
January 4, 2012, Tetra Tech EM Inc., Oakland, California

- 12:30 – 2:00 **POST-BCT MEETING: SITE 31/33 DRAFT WORK PLAN MEETING**
 Dial In: 888-282-0358
 Meeting ID#: 22769

Agenda:

- 1) Overview of Draft Work Plan
- 2) Ra-226 background levels
- 3) Ra-226 cleanup goal = 1.0 pCi/g above background
- 4) Backfill requirements
- 5) Rate of false positives (60%)
- 6) Surveyor efficiency of 75%
- 7) Schedule

>>> On 5/23/2011 at 10:21 AM, in message
<59294A8D1BD93047A33B6EB898935F79029311ED@dhsexcmmsg13.intra.dhs.ca.gov>, "Anderson, Victor
(CDPH-RIIB)" <Victor.Anderson@cdph.ca.gov> wrote:
Medi,

It is my understanding that two incidents occurred at Treasure Island involving large Ra-226 sources. The first incident occurred in 2008 and involved the discovery of a large Ra-226 source that reputedly exhibited dose rates in the range of 1 rem/hr. In the other incident, a former employee of Shaw Environmental exceeded their administrative dose limit while working with a large Ra-226 source or sources. Please ask the U.S. Navy and Shaw if they have the following information concerning these incidents:

- Date(s) of incident
- Radioactivity of the sources or sources
- Dose (exposure) rates a 6 inches or better from the sources.
- Where on Treasure Island the sources where found.

If for some reason, this information is part of an ongoing investigation please find out who the investigating agency is.

Thanks,

Victor

From: "Anderson, Victor (CDPH-RHB)" <Victor.Anderson@cdph.ca.gov>
To: Remedios Sunga <rsunga@dtsc.ca.gov>
CC: "Butner, Gary (CDPH-RHB)" <Gary.Butner@cdph.ca.gov>, "Fassell, John(CDPH...
Date: 5/23/2011 11:05 AM
Subject: RE: Information on Large Ra Sources

Medi,

Our reply is not very helpful or cooperative. This is an enforcement issue that also has a bearing on the radiological remediation issue. That is why I included Larry Morgan in the cc list. I will contact the U.S. Navy directly.

Victor

From: Remedios Sunga [mailto:rsunga@dtsc.ca.gov]
Sent: Monday, May 23, 2011 10:56 AM
To: Anderson, Victor (CDPH-RHB)
Cc: Butner, Gary (CDPH-RHB); Fassell, John (CDPH-DFDRS-RHB-RMS); Prendergast, Kent (CDPH-DFDRS-RHB-ICE); Morgan, Larry (CDPH-PS-DDWEM); Hsu, Steve (CDPH-DFDRS-RHB); Woods, Steve (CDPH-DDWEM-EMB-WMS); Denise Tsuji; Dan Ward
Subject: Re: Information on Large Ra Sources

Hi Victor,

As directed by my upper management, I should be working with EMB for CERCLA related inquiries and activities at TI, and RHB should coordinate with EMB in transmitting inquiries/comments to DTSC. At our monthly meeting with the Navy and CDPH, we requested CDPH to identify site activities related to cleanup vs. compliance/inspection. Please identify if this inquiry is related to CERCLA cleanup. If it is, please coordinate with EMB in sending it to DTSC through Tracy Jue and Larry Morgan. If not, you can send your inquiry directly to the Navy. However, we appreciate being informed of the inquiry by including me in the cc list.

Thank you -- Medi

Remedios V. Sunga

Project Manager

Department of Toxics Substances Control
700 Heinz Avenue
Berkeley, California 94710
(510) 540-3840
(510) 540-3819 fax

>>> On 5/23/2011 at 10:21 AM, in message
<59294A8D1BD93047A33B6EB898935F79029311ED@dhsexcm13.intra.dhs.ca.gov>,
"Anderson, Victor (CDPH-RHB)" <Victor.Anderson@cdph.ca.gov> wrote:

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Date(s) of incident

Radioactivity of the sources or sources

Dose (exposure) rates a 6 inches or better from the sources.

Where on Treasure Island the sources were found.

If for some reason, this information is part of an ongoing investigation please find out who the investigating agency is.

Thanks,

Victor

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- Date(s) of incident
- Radioactivity of the sources or sources
- Dose (exposure) rates a 6 inches or better from the sources.
- Where on Treasure Island the sources where found.

If for some reason, this information is part of an ongoing investigation please find out who the investigating agency is.

Thanks,

Victor

Ly, Amy@DTSC

From: Ward, Dan <DWard@dtsc.ca.gov>
Sent: Friday, March 04, 2011 9:17 AM
To: Gilkey, Douglas E CIV OASN (EI&E) BRAC PMO West; Lansdale, Lawrence L CIV OASN (EI&E) BRAC PMO West
Cc: Butner, Gary (CDPH-RHB); Woods, Steve (CDPH-DDWEM-EMB-WMS); Cook, Barbara@DTSC; Tsuji, Denise@DTSC; Miya, Ryan@DTSC; Sunga, Remedios@DTSC
Subject: Fw: TI and CDPH - FW: RE: RE: RE: Data Request and Questions

Hi Lawrence,

I discussed the issues in your note below with Steve Woods and Gary Butner Gary coordinated with Steve, and here is Gary's response:

RHB activities at Treasure Island are related to licensing and regulatory compliance issues for Shaw Environmental and EMS. The request from Victor is a follow up to the review of allegations received by CDPH. The information requested is necessary to verify that operational procedures and practices of licensed activities on site are adequate to meet the requirements for state and federal regulations. RHB will indicate the nature of the information being requested as either licensing or inspection related in future correspondences. This will be in the in the subject line or first line of the correspondence.

I can appreciate the difficulties Shaw may experience in meeting multiple priorities. Based on the request from DTSC I have informed Victor there will be a delay of one week in receiving the information requested in his 2/15/11 email to Medi.

Thanks, Dan

>>> "Lansdale, Lawrence L CIV OASN (EI&E), BRAC PMO West" <lawrence.lansdale@navy.mil>
2/28/2011 8:09 PM >>>

Dan

Based on our meeting last week with CDPH do you know the objective of RHB's inquire and their schedule? I am out of the office and only have a few email addresses but was hoping you could help with this.

Thanks Lawrence

----- Original Message -----

From: Sullivan, James B CIV OASN (EI&E), BRAC PMO West
To: Lansdale, Lawrence L CIV OASN (EI&E), BRAC PMO West; Gilkey, Douglas E CIV OASN (EI&E), BRAC PMO West
Cc: Clark, David J CIV NAVFAC SW; Konzen, Anthony CTR OASN (EI&E), BRAC PMO West; Norman, Marvin D CIV WEST Counsel
Sent: Mon Feb 28 18:49:59 2011
Subject: TI and CDPH - FW: RE: RE: RE: Data Request and Questions

Lawrence, Doug,

Mr. Victor Anderson from CDPH(RHB) contacted DTSC on 2/15/2011 with some questions related to New World Technology (NWT) data on the radiological commodities excavated from the TI Site 12 SWDA

areas. Based on the very specific technical questions asked by Mr. Anderson, and the fact that NWT is no longer on the project, we needed to involve Shaw senior radiological staff. We have been working to coordinate a date for a teleconference call, but due to Shaw involvement with several outgoing radiological deliverables to support of our FFSRA schedules, plus site visits by CDPH's Bay Area field staff, we requested a date later this week on either Thursday March 3rd or Monday March 7th.

Unintentionally on our part, this scheduling may have caused some concern to Mr. Anderson. We certainly want to address Mr. Anderson's questions and assist him in his inquiry in a timely manner, but we are also trying to keep our FFSRA schedule, move the radiological investigation and remediation forward, and deal with the numerous site visits by CDPH's local field staff.

It would be helpful to the Navy project team to have a clearer understanding from DTSC and CDPH as to what objectives they are trying to accomplish and what their schedule is, and how it fits within a regulatory context including CERCLA and our FFSRA.

Could we ask Mr. Steve Woods to provide some assistance, and perhaps participate in the call (tentative on Monday at 1:00 pm) with Mr. Anderson?

v/r, Jim
Jim Sullivan
Navy BRAC Environmental Coordinator
Former Naval Station Treasure Island

From: Remedios Sunga [mailto:rsunga@dtsc.ca.gov]
Sent: Monday, February 28, 2011 1:35 PM
To: Anderson, Victor (CDPH-RHB)
Subject: Fwd: RE: RE: Data Request and Questions

Hi Victor,

Sorry but the Navy has another dates for the call. Please let me know if you are available this Thurs or next Monday at 10am (see Tony's e-mail below).

Thank you -- Medi

>>> On 2/28/2011 at 1:00 PM, in message
<CB4CC7AA60910C418E5BB55B8F95AAE8013522AD@nawespscez03v.nadsuswe.nads.navy.mil>,
"Konzen, Anthony CTR OASN (EI&E), BRAC PMO West" <anthony.konzen.ctr@navy.mil> wrote:

Medi - Would Victor be available for a call this Thursday, probably mid-morning since the key Shaw person contributing to the call will be on the east coast (3 hrs ahead). Please check with Victor. If Thursday does not work then ask him about Monday.

Regards,

Tony K.

Anthony D. Konzen, PG 7106, CHG 850
PM, BRAC PMO

1455 Frazee Road, Suite 900
San Diego, CA 92108
Ph: 619-532-0924
Fax: 619-532-0983

-----Original Message-----

From: Remedios Sunga [mailto:rsunga@dtsc.ca.gov]
Sent: Monday, February 28, 2011 11:27
To: Konzen, Anthony CTR OASN (EI&E), BRAC PMO West
Subject: RE: RE: Data Request and Questions

I forgot to ask you about the call with Shaw this week. Victor has been waiting to have this call scheduled.

Thanks -- Medi

>>> On 2/23/2011 at 8:16 AM, in message
<CB4CC7AA60910C418E5BB55B8F95AAE8012EA01B@nawespsce03v.nadsuswe.nads.navy.mil>,
"Konzen, Anthony CTR OASN (EI&E), BRAC PMO West" <anthony.konzen.ctr@navy.mil> wrote:

Hi Medi - Shaw is really tied up this week with a couple of very important Navy deliverables and another visit from CDPH this morning. The early part of next week would be better (Monday or Tuesday). I will be in touch tomorrow or Friday to discuss a call schedule.

Regards,

Tony K.

Anthony D. Konzen, PG 7106, CHG 850
PM, BRAC PMO
1455 Frazee Road, Suite 900
San Diego, CA 92108
Ph: 619-532-0924
Fax: 619-532-0983

-----Original Message-----

From: Remedios Sunga [mailto:rsunga@dtsc.ca.gov]
Sent: Tuesday, February 22, 2011 15:15
To: Konzen, Anthony CTR OASN (EI&E), BRAC PMO West
Subject: Fwd: RE: Data Request and Questions

Tony,

Please let me know when you would like to have the call with Victor Anderson (see his e-mail below). I have an appointment on the 25th so I would prefer it for the 24th. You can have the call on the 25th without me.

Thanks -- Medi

>>> On 2/22/2011 at 3:07 PM, in message
<59294A8D1BD93047A33B6EB898935F7902930FC2@dhsexcm13.intra.dhs.ca.gov>, "Anderson, Victor (CDPH-RHB)" <Victor.Anderson@cdph.ca.gov> wrote:

Medi,

Please ask the Navy if they have picked a time and date for 2/24 or 2/25/11. I am currently free on both of those days. However, I do want to make sure that I keep their selected time free.

Thanks,

Victor

From: Remedios Sunga [mailto:rsunga@dtsc.ca.gov]
Sent: Tuesday, February 15, 2011 3:03 PM
To: Anderson, Victor (CDPH-RHB)
Cc: Butner, Gary (CDPH-RHB)
Subject: RE: Data Request and Questions

Hi Victor,

The Navy would like to discuss your additional questions with their rad expert next week (see Tony's e-mail below). Please let me know your availability on the 24th and 25th.

Thanks -- Medi

>>> On 2/15/2011 at 1:38 PM, in message
<CB4CC7AA60910C418E5BB55B8F95AAE801296B48@nawespsce03v.nadsuswe.nads.navy.mil>,
"Konzen, Anthony CTR OASN (EI&E), BRAC PMO West" <anthony.konzen.ctr@navy.mil> wrote:

Hi Medi - I have discussed Victor's email with Shaw related to the gamma spec report for commodities recovered from Site 12. Because his questions are focusing on specific technical aspects of the gamma spec work completed by New World, we will need input from one of Shaw's senior radiological experts and he is not available until next week. Our hope would be to have a telecom with Victor and Shaw to go over his questions and hopefully resolve them. I am proposing that call next Thursday or Friday. I will give you a call next Tuesday or Wednesday to discuss a day and time.

Regards,

Tony K.

Anthony D. Konzen, PG 7106, CHG 850
PM, BRAC PMO
1455 Frazee Road, Suite 900
San Diego, CA 92108
Ph: 619-532-0924
Fax: 619-532-0983

>>> On 2/15/2011 at 7:53 AM, in message
<59294A8D1BD93047A33B6EB898935F7902930F98@dhsexcm13.intra.dhs.ca.gov>, "Anderson, Victor (CDPH-RHB)" <Victor.Anderson@cdph.ca.gov> wrote:

Medi,

My last information request has been downloaded to the Shaw Net. The information on Shaw Net completes my last request for shipping and survey information. Please extend my thanks to the BRAC PMO and their contractors for their timely assistance. I will be reviewing the data and may have additional questions.

I am nearly complete with my review of the data concerning the commodities removed from the SWDA areas. However, I do have two areas that concern me.

- 1) In reviewing the reported dose rates on the master list and the dose rates reported by New World Technology (NWT), I noted that the one foot dose rates on each report differ by two to three orders of magnitude. THE NWT reported dose rates are in mR/hr. When converted to microR/hr, these rates do not agree with the master list dose rates. Please determine which one foot dose rate is the correct reading and explain why?
- 2) In reviewing the 2009 spectra taken by NWT, I noted two problems. Starting with scan number 23 (Master list item number 10114), the energy calibration of the spectrometer is off by about 39 keV at the 609 keV Bi-214 line. This energy error continues to increase to about 54 keV at the 609 keV line. The result is to lead the casual observer to believe that Cs-137 (662 keV) may be present. Why wasn't the spectrometer energy calibrated and that calibration maintained as stated in the approved procedure?
- 3) All of the 2009 spectra have peak counts between 100 and 1000 counts on the lower end of the spectrum. Yet these sources are reported to have one foot dose rate in the mR/hr region with one source (master list number 939) had a reported dose rate of 1,000 mR/hr. Such low counts are inconsistent with the implied high activities and the reported collection time of 300 seconds. Please explain this discrepancy?

Thanks,

Victor

Ly, Amy@DTSC

From: Lansdale, Lawrence L CIV OASN (EI&E), BRAC PMO West
<lawrence.lansdale@navy.mil>
Sent: Monday, February 28, 2011 8:10 PM
To: Ward, Dan@DTSC; Gilkey, Douglas E CIV OASN (EI&E) BRAC PMO West
Subject: Fw: TI and CDPH - FW: RE: RE: RE: Data Request and Questions

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Thanks -- Medi

>>> On 2/23/2011 at 8:16 AM, in message
<CB4CC7AA60910C418E5BB55B8F95AAE8012EA01B@nawespsce03v.nadsuswe.nads.navy.mil>, "Konzen, Anthony CTR OASN (EI&E), BRAC PMO West" <anthony.konzen.ctr@navy.mil> wrote:

Hi Medi - Shaw is really tied up this week with a couple of very important Navy deliverables and another visit from CDPH this morning. The early part of next week would be better (Monday or Tuesday). I will be in touch tomorrow or Friday to discuss a call schedule.

Regards,

Tony K.

Anthony D. Konzen, PG 7106, CHG 850
PM, BRAC PMO
1455 Frazee Road, Suite 900
San Diego, CA 92108
Ph: 619-532-0924
Fax: 619-532-0983

-----Original Message-----

From: Remedios Sunga [mailto:rsunga@dtsc.ca.gov]
Sent: Tuesday, February 22, 2011 15:15
To: Konzen, Anthony CTR OASN (EI&E), BRAC PMO West
Subject: Fwd: RE: Data Request and Questions

Tony,

Please let me know when you would like to have the call with Victor Anderson (see his e-mail below). I have an appointment on the 25th so I would prefer it for the 24th. You can have the call on the 25th without me.

Thanks -- Medi

>>> On 2/22/2011 at 3:07 PM, in message
<59294A8D1BD93047A33B6EB898935F7902930FC2@dhsexcmgs13.intra.dhs.ca.gov>, "Anderson, Victor (CDPH-RHB)"
<Victor.Anderson@cdph.ca.gov> wrote:

Medi,

Please ask the Navy if they have picked a time and date for 2/24 or 2/25/11. I am currently free on both of those days. However, I do want to make sure that I keep their selected time free.

Thanks,

Victor

From: Remedios Sunga [mailto:rsunga@dtsc.ca.gov]
Sent: Tuesday, February 15, 2011 3:03 PM
To: Anderson, Victor (CDPH-RHB)
Cc: Butner, Gary (CDPH-RHB)
Subject: RE: Data Request and Questions

Hi Victor,

The Navy would like to discuss your additional questions with their rad expert next week (see Tony's e-mail below). Please let me know your availability on the 24th and 25th.

Thanks -- Medi

>>> On 2/15/2011 at 1:38 PM, in message
<CB4CC7AA60910C418E5BB55B8F95AAE801296B48@nawespsce303v.nadsuswe.nads.navy.mil>, "Konzen, Anthony CTR
OASN (EI&E), BRAC PMO West" <anthony.konzen.ctr@navy.mil> wrote:

Hi Medi - I have discussed Victor's email with Shaw related to the gamma spec report for commodities recovered from Site 12. Because his questions are focusing on specific technical aspects of the gamma spec work completed by New World, we will need input from one of Shaw's senior radiological experts and he is not available until next week. Our hope would be to have a telecom with Victor and Shaw to go over his questions and hopefully resolve them. I am proposing that call next Thursday or Friday. I will give you a call next Tuesday or Wednesday to discuss a day and time.

Regards,

Tony K.

Anthony D. Konzen, PG 7106, CHG 850
PM, BRAC PMO
1455 Frazee Road, Suite 900
San Diego, CA 92108
Ph: 619-532-0924
Fax: 619-532-0983

>>> On 2/15/2011 at 7:53 AM, in message
<59294A8D1BD93047A33B6EB898935F7902930F98@dhsexcmgs13.intra.dhs.ca.gov>, "Anderson, Victor (CDPH-RHB)"
<Victor.Anderson@cdph.ca.gov> wrote:

Medi,

My last information request has been downloaded to the Shaw Net. The information on Shaw Net completes my last request for shipping and survey information. Please extend my thanks to the BRAC PMO and their contractors for their timely assistance. I will be reviewing the data and may have additional questions.

I am nearly complete with my review of the data concerning the commodities removed from the SWDA areas. However, I do have two areas that concern me.

- 1) In reviewing the reported dose rates on the master list and the dose rates reported by New World Technology (NWT), I noted that the one foot dose rates on each report differ by two to three orders of magnitude. THE NWT reported dose rates are in mR/hr. When converted to microR/hr, these rates do not agree with the master list dose rates. Please determine which one foot dose rate is the correct reading and explain why?
- 2) In reviewing the 2009 spectra taken by NWT, I noted two problems. Starting with scan number 23 (Master list item number 10114), the energy calibration of the spectrometer is off by about 39 keV at the 609 keV Bi-214 line. This energy error continues to increase to about 54 keV at the 609 keV line. The result is to lead the casual observer to believe that Cs-137 (662 keV) may be present. Why wasn't the spectrometer energy calibrated and that calibration maintained as stated in the approved procedure?
- 3) All of the 2009 spectra have peak counts between 100 and 1000 counts on the lower end of the spectrum. Yet these sources are reported to have one foot dose rate in the mR/hr region with one source (master list number 939) had a reported dose rate of 1,000 mR/hr. Such low counts are inconsistent with the implied high activities and the reported collection time of 300 seconds. Please explain this discrepancy?

Thanks,

Victor

>>> On 5/23/2011 at 10:21 AM, in message
<59294A8D1BD93047A33B6EB898935F79029311ED@dhsexcmmsg13.intra.dhs.ca.gov>, "Anderson, Victor
(CDPH-RIIB)" <Victor.Anderson@cdph.ca.gov> wrote:
Medi,

It is my understanding that two incidents occurred at Treasure Island involving large Ra-226 sources. The first incident occurred in 2008 and involved the discovery of a large Ra-226 source that reputedly exhibited dose rates in the range of 1 rem/hr. In the other incident, a former employee of Shaw Environmental exceeded their administrative dose limit while working with a large Ra-226 source or sources. Please ask the U.S. Navy and Shaw if they have the following information concerning these incidents:

- Date(s) of incident
- Radioactivity of the sources or sources
- Dose (exposure) rates a 6 inches or better from the sources.
- Where on Treasure Island the sources where found.

If for some reason, this information is part of an ongoing investigation please find out who the investigating agency is.

Thanks,

Victor

>>> On 5/23/2011 at 10:21 AM, in message
<59294A8D1BD93047A33B6EB898935F79029311ED@dhsexcmmsg13.intra.dhs.ca.gov>, "Anderson, Victor
(CDPH-RIIB)" <Victor.Anderson@cdph.ca.gov> wrote:
Medi,

It is my understanding that two incidents occurred at Treasure Island involving large Ra-226 sources. The first incident occurred in 2008 and involved the discovery of a large Ra-226 source that reputedly exhibited dose rates in the range of 1 rem/hr. In the other incident, a former employee of Shaw Environmental exceeded their administrative dose limit while working with a large Ra-226 source or sources. Please ask the U.S. Navy and Shaw if they have the following information concerning these incidents:

- Date(s) of incident
- Radioactivity of the sources or sources
- Dose (exposure) rates a 6 inches or better from the sources.
- Where on Treasure Island the sources where found.

If for some reason, this information is part of an ongoing investigation please find out who the investigating agency is.

Thanks,

Victor

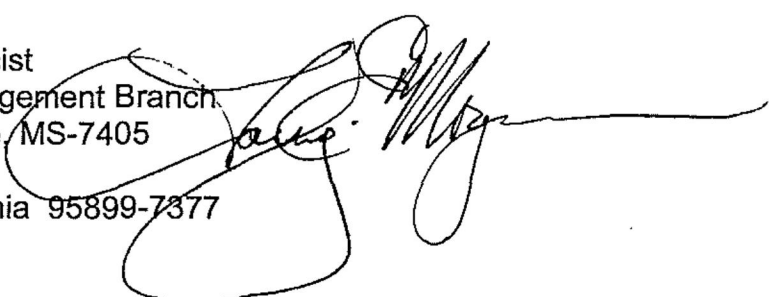


California Department of Public Health **MEMORANDUM**

DATE: April 26, 2011

TO: Remedios Sunga
Project Manager
Brownfields and Environmental Restoration Program - Berkeley Office
Department of Toxic Substances Control
700 Heinz Avenue
Berkeley, CA 94710-2721

FROM: Larry Morgan
Senior Health Physicist
Environmental Management Branch
1616 Capitol Avenue, MS-7405
P. O. Box 997377
Sacramento, California 95899-7377

A large, handwritten signature in black ink is written over the 'FROM' section, specifically over the name 'Larry Morgan' and the address lines.

SUBJECT: Review the Work Instruction Radiological Investigation of Elevated Anomaly at Site 31, Dated March 11, 2011.

Upon the request of the Department of Toxic Substance Control, the Environmental Management Branch (EMB) of the California Department of Public Health (CDPH) reviewed documents associated with the work instruction Radiological Investigation of Elevated Anomaly at Site 31. Attached are comments from EMB with respect to radiological issues regarding work instruction Radiological Investigation of Elevated Anomaly at Site 31.

If you need further assistance please contact Tracy Jue of my staff at (916) 324-4804.



California Department of Public Health
MEMORANDUM

DATE: March 30, 2011

TO: Remedios Sunga
Project Manager
Brownfields and Environmental Restoration Program - Berkeley Office
Department of Toxic Substances Control
700 Heinz Avenue
Berkeley, CA 94710-2721

FROM: Larry Morgan
Senior Health Physicist
Environmental Management Branch
1616 Capitol Avenue, MS-7405
P. O. Box 997377
Sacramento, California 95899-7377

A handwritten signature in black ink, appearing to read "Larry Morgan", is written over the typed name and address of the sender. The signature is fluid and cursive.

SUBJECT: Review the Work Instruction Radiological Investigation of Elevated Anomaly at Site 31, Dated March 11, 2011.

Upon the request of the Department of Toxic Substance Control, the Environmental Management Branch (EMB) California Department of Public Health (CDPH) reviewed documents associated with the work instruction Radiological Investigation of Elevated Anomaly at Site 31. Attached are comments from EMB with respect to radiological issues regarding work instruction Radiological Investigation of Elevated Anomaly at Site 31.

If you need further assistance please contact Tracy Jue of my staff at (916) 324-4804.

Activity: Review Response to Comments of Treasure Island Work Instruction,
The Radiological Investigation of Elevated Anomaly at Site 31 Dated
March 11, 2011

April 26, 2011

Page 1 of 1

Specific Comments

1. In Section 1 (Purpose), page 1 of 10 (Treasure Island Work Instruction TIWI-10-00), count rates for an initial survey presented. The survey referenced is 3.1 "Shaw Environmental Field Activity Daily Log", June 2. The log is not included in the Work Instruction. It is unclear whether the readings are static or scan and whether or not backgrounds were taken and subtracted are included in the readings. How were backgrounds acquired?
2. In Comment 3, page 2 of 4 "Response to Comments", states "Site 30 does not apply", Historically Sites 30, 31 and 33 have been grouped. It has been ✓ concluded (in the HRA) that Sites 30, 31 and 33 will be addressed for radiological contamination if scanning during the remediation for chemical contamination at Site 12 indicated the presence of radioactive ✓ contamination. This condition has been established, and therefore EMB considers Sites 30, 31 and 33 to be radiologically impacted, and it is the expectation that the three sites will be addressed accordingly. If the NAVY's intends to attain an EMB recommendation for radiological unrestricted release at the three sites, adequate work-plans concurred upon by EMB need to be generated, and that process completed. Failing that, the recipient of the three sites must apply to Radiological Health Branch (RHB) ✓ of the CDPH for a license or license exemption.
3. Section 6.2, "Development Investigation of Elevated Anomaly at Site 31", page 4 of 10, describes how the investigation level was determined. While a Static Investigation Level has been listed in Table 1, the performance of a static count is not incorporated into the investigation activity. The data supporting the Static Investigation Level and whether a daily/single background level was determined.
4. Section 6.5, "Investigation Activities", page 6 of 10 discusses the intrusion ✓ and removal of water in the investigation area. Moisture content affecting the detection capabilities of instrumentation is not addressed. Generally, decision rules are not stated in the document. Field activities (instrument techniques) are not specific enough to support inferred decision rules. The variables of moisture content and background are not addressed and must be. Historical data (background generation surveys), and Lab specifics must be provided.

Activity: Review of Treasure Island Work Instruction, The Radiological Investigation of Elevated Anomaly at Site 31 Dated March 11, 2011

March 30, 2011

Page 1 of 2

General Comments

1. EMB is unclear on the purpose of the work instruction: Is the purpose to excavate the anomaly and to describe the process to remove the anomaly or is the work instruction to provide information to support other decisions? If so, a complete summary of the data quality objectives needed for implementation.
2. Based on the information provided, EMB believes that Site 31 is a Class 1 site and requires a full scan/static survey, possible remediation, statistical calculations and data quality objectives for a future recommendation of unrestricted release. ✓

Specific Comments

1. Section 1.0, "Purpose", second paragraph states work instructions describes the "field work process to determine the origin", the document does not describe how the origin is determined and defined, include a description of how the origin is defined and determined.
2. Section 1.0, "Purpose", describes the decision criteria for either storage on site as "radioactive materials storage area in building 570 yard", or "shipped for analysis offsite".
3. Section 1.0, "Purpose", Is the "Radioactive Materials Storage Area", (RMSA) indicated by signs that define the area that is contaminated?
4. Section 1.0, "Purpose" third paragraph references the work instruction for only Site 31 and 33. This work instruction also applies to Site 30 as well.
5. Include a section describing the reference background, include a description on the static/gamma walk over surveys, and reference soil samples?
6. Section 6.0, "Procedure", Table 1 lists scan investigation level and static investigation? How were these levels determined? What units were used? How is the investigation limit determined? The investigation levels seem high compared to measurements found in Site 12? How will the scan/static data be collected compared to how the reference data will be collected?

Activity: Review of Treasure Island Work Instruction, The Radiological Investigation of Elevated Anomaly at Site 31 Dated March 11, 2011

March 30, 2011

Page 2 of 2

7. Section 6.0, "Procedure" Table 1, the scan action level is much higher value than the static action level value in the document. Since the static action level value determines the level of radioactivity static measurements the action level should be higher than the scan value. It is unclear how the background levels have or will be determined.
8. Section 6.3.1, Table 2, "Calculated Minimum Detectable Count Rate", please include the calculations for the MDCR surveyor and static measurements.
9. Section 6.5 "Investigation Activities", include a description on how much soil will be removed adjacent to anomaly? How will the "area of low background will be established" and what is the low background? If you encounter another anomaly during removal, what is your prescribed action?
10. Section 6.5 "Investigation Activities", how are the boundaries determined?
11. Section 6.6.1 "Discovery of a Commodity", states "based on a 30 centimeter dose rate on hot side, calculate activity for ^{226}Ra using Radpro", in addition soil samples must be analyzed for soil concentration values since release limits are specified in soil concentration?
12. Section 6.6.2, "Discovery of Soil Contamination", first paragraph states, "if no commodity is found, continue to investigate the soil area", in addition to scanning the soil, static measurements and biased soil samples should be obtained (not composite)
13. Attachment 7.2, "Cross Section of Exposed Sidewall with Elevated Count Rate Site 31", is the scanning process to scan from A-5 or just elevated area "E"?
14. The site probably collects water from rain and elsewhere. Please describe the dewatering process for the site. Conversely, when the site dries out, how will dust abatement be conducted?

#4

State of California—Health and Human Services Agency
California Department of Public Health

 CDPH

MARK B HORTON, MD, MSPH
Director



ARNOLD SCHWARZENEGGER
Governor

December 10, 2010

Peter Bourgeois, Project Manager
Shaw Environmental & Infrastructure Group
185 Berry Street, Suite 2200
San Francisco, California 94107-5705

Regarding: Treasure Island

Dear Mr. Bourgeois:

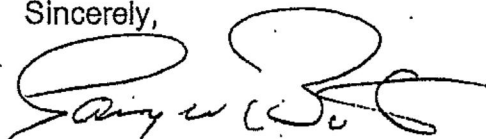
This is to formally notify you that Shaw Environmental & Infrastructure Group is required to be licensed by the California Department of Public Health's (CDPH) Radiologic Health Branch in connection with Shaw's ongoing work activities at Naval Station Treasure Island. Licensure is required pursuant to applicable provisions of the Radiation Control Law (Health & Safety Code sections 114960 – 115225) and Title 17 of the California Code of Regulations (17 CCR sections 30100 – 30395).

Enclosed for your review, completion and return, please find a Radioactive Materials License Application, a Training and Experience statement, a Guide for Applicants for a Radioactive Materials License, and a Radioactive Materials Licensing Fee worksheet. For additional information, visit our website at <http://cdphinternet/pubsforms/forms/Pages/RHBLicensingForms.aspx>.

The Nuclear Regulatory Commission and CDPH exercise concurrent jurisdiction here, so note that while your application for a state license is pending, Shaw will need to request reciprocal recognition of its NRC-issued license, pursuant to 17 CCR section 30225.

Please contact me if you have any questions with regard to the State licensing requirement or process. I can be reached by phone at (916) 440-7942, or by email at gary.butner@cdph.ca.gov.

Sincerely,



Gary W. Butner, Chief
Radiologic Health Branch

cc: Mr. John D. Hamm
Radiological Program Manager
Shaw Environmental & Infrastructure Group
185 Berry Street, Suite 2200
San Francisco, California 94107-5705

Ms. Laura J. Tryboski
Project Radiation Safety Officer
Shaw Environmental & Infrastructure Group
Treasure Island Field Office
950 Avenue M, Building 570
San Francisco, California 94130

#5

From: Ryan Miya
To: Barbara Cook; Denise Tsuji
Date: 12/10/2010 3:26 PM
Subject: Fwd: FW: Site Drive Through
Attachments: IMG00008-20101207-1424.jpg

As referenced regarding Treasure Island. R

>>> "Sullivan, James B CIV OASN (EI&E), BRAC PMO West" <james.b.sullivan2@navy.mil> 12/10/2010 10:08 AM >>>
Ryan,

Per our conversation, this is the e-mail and photograph sent by CDPH directly to RASO.

Thanks,
Jim

-----Original Message-----

From: Taibi, Guy (CDPH-DDWEM) [<mailto:Guy.Taibi@cdph.ca.gov>]
Sent: Wednesday, December 08, 2010 18:30
To: Lowman, Laurie L CIV SEA 04 04N
Cc: Edwards, Zachary L CIV SEA 04 04N; Morgan, Larry (CDPH-PS-DDWEM)
Subject: Site Drive Through

Laurie,

After yesterday's conference call, Larry Morgan and I took a short drive around TI. This visit was simply opportunistic, as the meeting/conference call was had just concluded.

As we approached the Westside RCA we noticed a vehicle leaving the RCA. No gate or rope was in place after the vehicle exited, nor were any personnel in sight. We drove our vehicle halfway through the open gate. We stayed in the vehicle for a minute or two and observed the Westside Drive RCA from inside the vehicle. No personnel or vehicles were in sight from that vantage point either. Had we so desired, we could have driven into the excavation area, or exited our vehicles and walked directly into the RCA excavation area.

We backed out of the Westside Drive gate and continued on to Building 233. Larry had questions as to whether the tarped material in the parking lot was radiologically impacted or not? If so, why was it not containerized and/or placarded (it was not)? If it was clean why hadn't it simply gone into a clean bin? (I'm sure there is some explanation; if you could get back to us with that it would be appreciated, as we were both curious).

We drove around the island and observed several significant excavation activities occurring outside Site 12. The gate at Lester Court was also open, and personnel were inside performing some work.

We returned to the Westside Drive gate after a touring the other sites (approximately 15 to 20 minutes later), again to find it opened and unmanned. At this point in time, a vehicle was parked well inside the area off to the right and no personnel were in sight. We remained there for a short time, until someone appeared from the right inside the controlled area. We backed out as he approached after waving our intentions to leave, and snapped a picture as we backed out. Attached is the picture from inside the vehicle just as a safety-vested person approached from the right.

We are confident you are aware of the myriad of serious issues this open gate at Westside Drive presents, and are equally confident you will address these issues appropriately. Please let us know if you care to discuss this matter further. We have several more photos (basically depicting the same) as well as some Building 233 photos. If you'd like us to forward them

#6

From: Robert Elliott
To: Denise Tsuji; Ryan Miya
Date: 12/16/2010 11:05 AM
Subject: Fwd: Treasure Island Site Visit Concerns

FYI

Robert L. Elliott
Senior Staff Counsel
(916) 327-6105

Confidentiality Notice: This e-mail message, including any attachments, is for the sole use of the intended recipient(s) and may contain confidential and privileged information. Any unauthorized review, use, disclosure or distribution is prohibited. If you are not the intended recipient, please contact the sender by reply e-mail and destroy all copies of the original message.

>>> "Norman, Marvin D CIV WEST Counsel" <marvin.norman@navy.mil> 12/15/2010 2:24 PM >>>
Catherine/Peter,

During our meeting yesterday you made reference to various concerns about site conditions at Treasure Island. It seems that we all initially inferred that you were referring to potential public safety concerns associated with current building occupancy by tenants. However, late in the meeting Peter read directly from an e-mail message or other document, and it seemed that the issues being raised were concerns about the previous accounting or tracking of bins of hazardous material, and concerns about a lack of information about the disposal activity. However, you also referred to certain actual "discoveries" of radiological materials or other items that presented a cause for concern.

Can you please clarify for me exactly what are the current causes for concern, and how these concerns were made known to you?

During the meeting yesterday I initially thought that the "site visit" to which you were referring was the visit by RHB staff members which was characterized as a "public health assessment" and was coordinated amongst Navy, DTSC, CDPH and RASO personnel back in October of this year, immediately after a phone conference regarding the legislative jurisdiction of Treasure Island. I understand that Steve Hsu, Gary Butner, Victor Anderson, Roger Lup and Jeff Wong toured the site, accompanied by Navy personnel, but to my knowledge no report of the site visit was ever provided to Navy.

I learned today that a "Site Drive Through" was conducted by Guy Taibi, of the EMB Branch of CDPH, along with Larry Morgan (CDPH-PS-DDWEM) on December 7. Guy's drive-by was not coordinated with anyone, but was "simply opportunistic" following a meeting that had just concluded on Treasure Island. Guy drove around and saw an open gate that he thought should have been secured, saw some tarped material and was curious about whether or not it was radiologically impacted, and saw what he thought were "several significant excavation activities occurring outside Site 12."

Were the concerns that you were referring to in our meeting yesterday somehow related to Guy's self-guided tour of Treasure Island?

I also understand that during a recent BCT meeting, there was some discussion about manifests and disposal activity. I'm wondering if the BCT meeting is the source of the information that was the basis for the information read by Peter during the meeting (relating to bins, etc.).

Can you please help demystify some of this for me? Specifically, if you are aware of any information that presents a specific cause for concern about building occupancy, please share with me, specifically and in detail, this information.

Regards,
Marvin Norman
Associate Counsel
Navy BRAC Program Management Office, West

#7

From: "Konzen, Anthony CTR OASN (EI&E), BRAC PMO West"
<anthony.konzen.ctr@navy.mil>
To: "Morgan, Larry (CDPH-PS-DDWEM)" <Larry.Morgan@cdph.ca.gov>
CC: "Edwards, Zachary L CIV SEA 04 04N" <zachary.edwards@navy.mil>, "Lowman,..."
Date: 12/27/2010 1:56 PM
Subject: Treasure Island - Status of Building 233 Demolition

Larry - I wanted to provide you with an update on the Building 233 demolition. Essentially, scanning and remediation of the building have been completed in accordance with the procedures and remediation criteria cited in the demolition work plan. Because of elevated gamma background readings measured primarily at the east end of the building during the surveys that we attribute to known ground surface impacts (e.g., asphalt near door, etc), we have decided to implement an additional level of debris screening during building demolition and debris processing that would focus on floor joists, subfloors, and other building materials in low lying areas on the first and second floors. Procedurally, this supplements waste screening, management and disposal discussions provided in the B233 Demolition Work Plan.

The first step will be to site a debris staging area adjacent to B233 that does not exhibit the elevated background gamma observed at B233. For the area being considered for staging, a mean scanning background will be determined with Ludlum Model 44-10 NaI scintillation detectors. For establishing background, readings below 6,000 counts per minute (cpm) are preferable. Each Model 44-10 detector and Ludlum Model 2221 scaler/ratemeter will have an instrument-specific scan and static investigation level determined. The scanning investigation level will be based on the mean of the data logged scan measurements plus 3 standard deviations. The data will be collected by walking over the debris staging area with the detector 4-inches above the surface at a maximum forward speed of 0.5 meter per second (M/sec). Each transect will be offset no more than 0.5 meter from the previous transect.

A static investigation level based on the mean plus 3 standard deviations will be determined for each instrument by collecting 20, 1-minute static counts within the debris staging area. The locations of the static counts will be determined by using Visual Sampling Plan (VSP) to plot systematic locations within the staging area using a random starting point.

All debris handling will be performed using suitable heavy equipment run by Shaw equipment operators. Processed debris from the demolition of Building 233 will be laid out in one or more rows in the debris staging area for gamma scanning. Generally, each debris row will be no more than 8-feet wide stacked in the thinnest layers practicable.

In addition to visual evaluation of the building materials for staining and residue, an RCT will scan the debris row by walking adjacent to the row while maintaining the detector approximately 4-inches above the material and will move the detector over the entire accessible surface of the debris at a maximum speed of 0.5 M/sec. In any location where the scanning investigation count rate (mean plus 3 standard deviations) is exceeded or staining and/or residue are observed, the RCT will scan to identify the highest reading and delineate the elevated location. The RCT will take one or more static measurements at this location.

Debris within an elevated area that has static counts that exceed the static measurement investigation level, (static count mean plus 3 standard deviations) will be segregated and subjected to further scanning/investigation for potential disposal as low-level radioactive waste (LLRW). Waste considered to be LLRW will be placed in roll off bins provided by EMS and disposed at an appropriate facility under EMS coordination. Debris that is below the investigation levels will be disposed of as non-radiological construction debris. Construction debris will be loaded into high side end dump trucks for offsite disposal at an approved Class III landfill. Removal of construction debris will be provided by a properly licensed transporter. Disposal facilities will be compliant with U.S. EPA CERCLA (off site) policy rules.

Once debris screening and disposal activities are completed, a gamma walkover survey will be conducted in the staging area to evaluate this area for residual radiological activity. Depending on the results of gamma walkover scanning, recommendations may be included in the B233 Final Status Survey Work Plan to include this area in the Final Status Survey field work for Building 233.

Because this additional screening work is considered a modification to the current contract with Shaw, the modification will need to be approved by the contracting officers at Shaw and the Navy. Therefore, building demolition and supplementary scanning have been delayed until late January or early February. We will keep you posted on the schedule.

If you have any questions, please feel free to give me a call or return email.

Regards,

Tony K.

Anthony D. Konzen, PG 7106, CHG 850
PM, BRAC PMO
1455 Frazee Road, Suite 900
San Diego, CA 92108
Ph: 619-532-0924
Fax: 619-532-0983

#9

From: "Sullivan, James B CIV OASN (EI&E), BRAC PMO West" <james.b.sullivan2@navy.mil>
To: "Gilkey, Douglas E CIV OASN (EI&E), BRAC PMO West" <douglas.gilkey@navy....>
Date: 1/5/2011 3:24 AM
Subject: CA CDPH(RHB) STAFF VISIT TO NAVAL STATION TREASURE ISLAND 01.04.2011

Tuesday, January 04, 2011

All,

Today, Tuesday January 4th, six staff members from California CDPH Radiological Health Branch (RHB) arrived at Treasure Island. They stated that their purpose was to conduct an investigation based on a letter received from a concerned citizen. The Navy has not seen the letter. Reference was also made to the Cal Watchdog blog article published several months ago.

By coincidence, David Clark and Tony Konzen from Navy BRAC happened to be on the island and were able to meet with the CDPH staff.

Navy BRAC PMO West and our contractor Shaw Environmental are fully cooperating with CDPH staff in this inquiry. They indicated they would be on the island for some period of time and that their investigation would take about a month or two.

Jim Sullivan

James B. Sullivan
 Navy BRAC Environmental Coordinator
 Former Naval Station Treasure Island
 james.b.sullivan2@navy.mil
 Cell (619) 743-8375

#10

From: "Anderson, Victor (CDPH-RHB)" <Victor.Anderson@cdph.ca.gov>
To: "Konzen, Anthony CTR OASN (EI&E), BRAC PMO West" <anthony.konzen.ctr@nav...
CC: "Sullivan, James B CIV OASN (EI&E), BRAC PMO West" <james.b.sullivan2@na...
Date: 1/14/2011 7:11 AM
Subject: RE: Treasure Island Site 12 - Technical Information Requested by CDPH

Tony,

Thank you for supplying me with the information below. I was able to access the Shaw Net. In reviewing the data, I have not found estimated radioactivity levels of any of the commodities found at Treasure Island in either Curies, Becquerel's, or their subunits. The gamma analysis report clearly states on page two that estimates of such radioactivity would be made using the gamma factor for Ra-226. Please provide me a listing of the estimated radioactivity levels of the commodities found at Treasure Island.

Thanks,

Victor

-----Original Message-----

From: Konzen, Anthony CTR OASN (EI&E), BRAC PMO West
[mailto:anthony.konzen.ctr@navy.mil]
Sent: Thursday, January 13, 2011 4:24 PM
To: Anderson, Victor (CDPH-RHB)
Cc: Sullivan, James B CIV OASN (EI&E), BRAC PMO West; Clark, David J CIV NAVFAC SW; Lansdale, Lawrence L CIV OASN (EI&E), BRAC PMO West; Edwards, Zachary L CIV SEA 04 04N; Lowman, Laurie L CIV SEA 04 04N; Morgan, Larry (CDPH-PS-DDWEM); Jue, Tracy (CDPH-DDWEM); Ryan Miya; dtsuji@dtsc.ca.gov; Foote, Gary; Bourgeois, Peter; Hamm, John; William.carson@terraphase.com; Ross Steenson; garvey.melinda@epa.gov; Rash, Marcie
Subject: Treasure Island Site 12 - Technical Information Requested by CDPH

Victor - I am attaching some of the documentation you requested in your email to DTSC during the holidays, and providing some detail where the rest of the information may be found.

✓ Groundwater Studies

I have attached two reports: 1) An aquifer characterization study report ✓
and, 2) a tidal study report.

I am also having a CD version of the 2009 Annual Groundwater Monitoring Report for Sites 12 and 6 sent to you by our groundwater sampling contractor, TREVET. This should arrive tomorrow.

List of Commodities with Radiological Data

Shaw has setup a folder on the Shaw Portal/SharePoint site called "DPH Library." The current commodity list is there. Note that all of the New World and Shaw commodities that have been analyzed to date contain radium-226 with the associated daughter products. The New World laboratory reports describing the procedures, methods and results of

gamma spectral analysis completed at the Site with appendices containing the raw data can be found in the "DPH" folder as well, labeled as "NWT Commodity Evaluation Reports."

Note that for future commodities being placed in the locker, Shaw is making arrangements to obtain equipment that will discern radionuclide type as the commodities are retrieved from the field, in addition to dose measurements.

Radiological Procedures

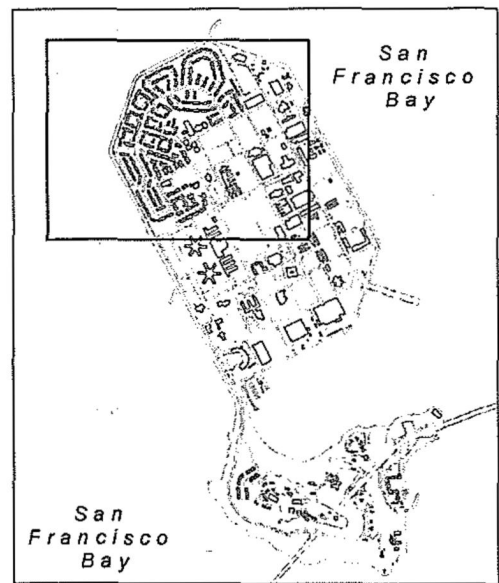
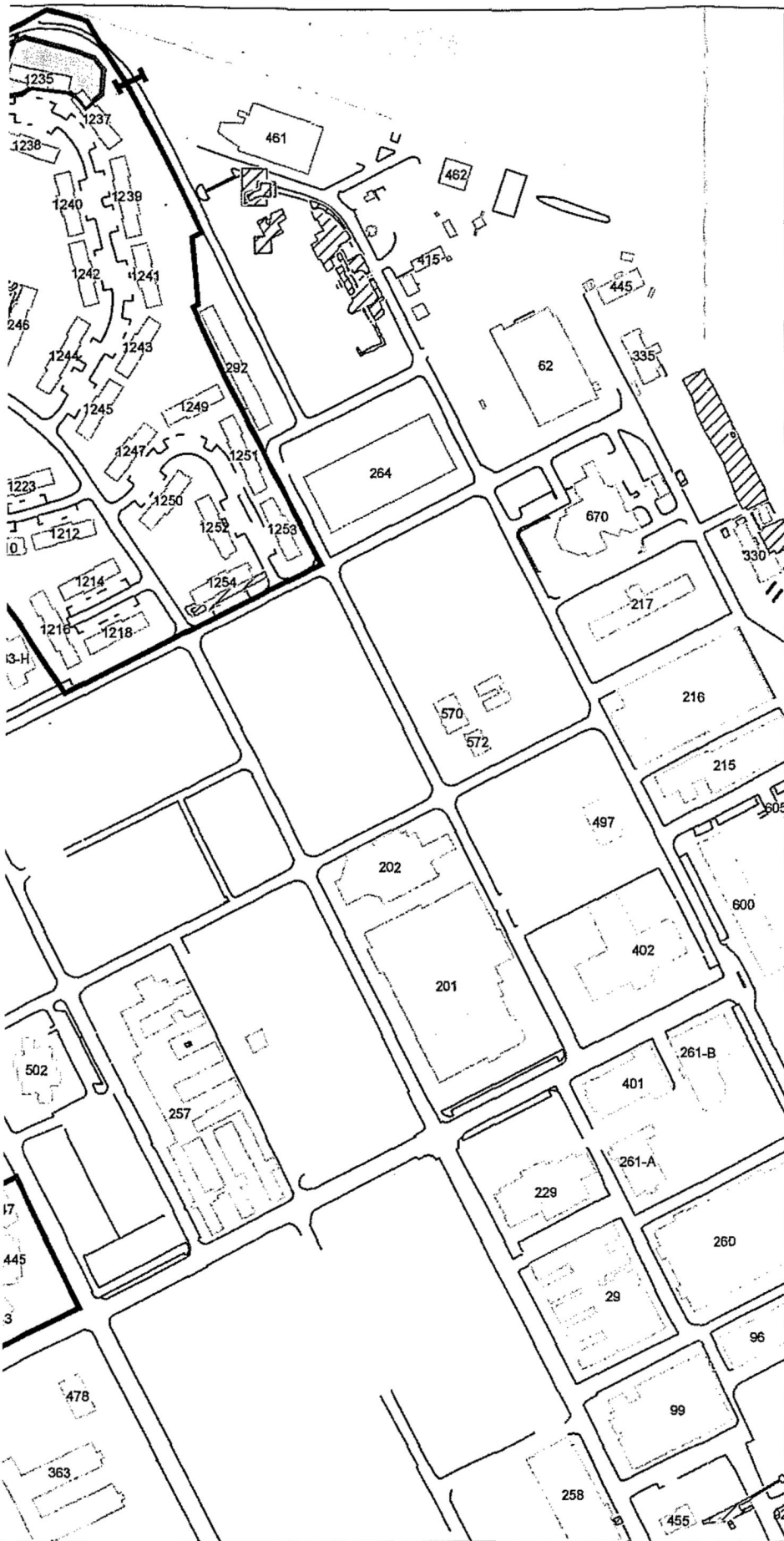
A copy of the Site 12 Removal action Work Plan with Appendices has also been placed in the DPH folder. The SAP (Appendix C) contains details on radiological sampling procedures used at Site 12. I also understand that John Hamm has provided the relevant radiation protection SOPs to Paul Lavelly.

You should be receiving login information from Shaw needed to access the SharePoint site. Please call me if you have any questions.

Regards,

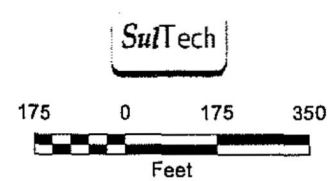
Tony K.

Anthony D. Konzen, PG 7106, CHG 850
PM, BRAC PMO
1455 Frazee Road, Suite 900
San Diego, CA 92108
Ph: 619-532-0924
Fax: 619-532-0983



- INSTALLATION RESTORATION SITE 12
- REMOVAL ACTION SWDA
- SWDA BOUNDARY
- METHANE BOUNDARY
- PRIOR EXCAVATION AREA
- UNOCCUPIED BUILDING
- BUILDING
- WATER
- GATE
- CURRENT PERMANENT SWDA FENCE
- ROAD

NOTES:
 PRIOR EXCAVATION AREAS WILL NOT BE RE-EXCAVATED
 DURING THIS REMOVAL ACTION.
 SWDA = SOLID WASTE DISPOSAL AREA



Naval Station Treasure Island, California
 Department of the Navy, BRAC PMO West, San Diego, California

FIGURE 3
SITE FEATURES MAP
 AM/IRAP: Non-Time-Critical Removal Action for
 SWDAs, Installation Restoration Site 12

Remedios Sunga - Re: TI 2010 DRAFT FOST

From: Remedios Sunga
To: James B CIV OASN (EI&E) BRAC PMO West Sullivan
Date: 11/16/2010 2:15 PM
Subject: Re: TI 2010 DRAFT FOST
CC: David J CIV NAVFAC SW Clark; Denise Tsuji; Isabella Alasti; Ryan Miya

Hi Jim,

DTSC received a memorandum from CDPH dated October 29, 2010 providing comments on the Draft 2010 FOST. Since the memo did not raise substantive concerns with regard to the submitted document, it will not be passed along at this time. The comments are also unrelated to the 2010 FOST areas now that Site 30 has been taken out. For your information, the memo has been uploaded in DTSC's EnviroStor database for our administrative record.

Thanks -- Medi

Remedios V. Sunga
Project Manager
Department of Toxics Substances Control
700 Heinz Avenue
Berkeley, California 94710
(510) 540-3840
(510) 540-3819 fax

>>> On 11/10/2010 at 10:51 AM, in message
<8204510D2923F24BB0D2D0E35E3242DA031DC21D@nawespscez03v.nadsuswe.nads.navy.mil>,
"Sullivan, James B CIV OASN (EI&E), BRAC PMO West" <james.b.sullivan2@navy.mil> wrote:

Hi Medi,

Per my voicemail, the Navy wanted to find out what the status was of the comments that you received from CDPH regarding the 2010 FOST. Our understanding was that DTSC would be determining the appropriateness of the comments.

We wanted to emphasize that we will be taking Site 30 (Daycare Center) out of the 2010 FOST, so none of the sites referenced in the HRA (30, 31, 33) will be in the Final 2010 FOST. Consequently the Navy does not believe that there are any radiological issues in the 2010 FOST footprint, or in the previous 2006 FOST footprints.

The Navy will work with DTSC and CDPH to address the sites referenced in the HRA so that they can be included in a future FOST.

Doug Gilkey is in a Hunters Point meeting today with Ryan Miya, and he was also going to discuss this with Ryan.

Thanks,
Jim



Linda S. Adams
Secretary for
Environmental Protection



Department of Toxic Substances Control

Maziar Movassaghi
Acting Director
700 Heinz Avenue
Berkeley, California 94710-2721



Arnold Schwarzenegger
Governor

MEMORANDUM

DATE: July 1, 2010

TO: Naval Station Treasure Island site file
Site 33, Waterline Replacement Area

FROM: Remedios V. Sunga *RSung*
Project Manager

SUBJECT: FINAL REMEDIAL INVESTIGATION REPORT FOR INSTALLATION
RESTORATION SITE 33, WATER REPLACEMENT AREA

The May 2010 Final Remedial Investigation Report for Installation Restoration Site 33, Water Replacement Area, addresses and incorporates the BRAC Cleanup Team (BCT) comments on the draft report. DTSC has no comments on this report at this time.

To expedite Site 33 cleanup and facilitate property transfer to the City, Site 33 will be included in the Record of Decision (ROD) for Site 31 because they have the same contamination source. Contamination at both sites was discovered from water line replacement documents noting that debris was found along the water pipeline located at Sites 30, 31 and 33. The selected remedial alternative for Site 31 in the ROD is soil/debris removal to residential cleanup levels which will also be applied at Site 33. An Explanation of Significant Difference (ESD) on the Site 31 ROD will be prepared that will provide the rationale and process in combining the sites. ✓

Jue, Tracy (CDPH-DDWEM)

From: Remedios Sunga <rsunga@dtsc.ca.gov>
Sent: Monday, May 23, 2011 11:38 AM
To: Jue, Tracy (CDPH-DDWEM)
Subject: Fwd: RE: Information on Large Ra Sources



Hi Tracy,

I forgot to cc you on the e-mail below. Do you have dates for the meeting with the Navy?

Thanks -- Medi

>>> On 5/23/2011 at 11:02 AM, in message

<59294A8D1BD93047A33B6EB898935F79029311F0@dhscxcmmsg13.intra.dhs.ca.gov>, "Anderson, Victor (CDPH-RHB)" <Victor.Anderson@cdph.ca.gov> wrote:

Medi,

Our reply is not very helpful or cooperative. This is an enforcement issue that also has a bearing on the radiological remediation issue. That is why I included Larry Morgan in the cc list. I will contact the U.S. Navy directly.

Victor

From: Remedios Sunga [mailto:rsunga@dtsc.ca.gov]

Sent: Monday, May 23, 2011 10:56 AM

To: Anderson, Victor (CDPH-RHB)

Cc: Butner, Gary (CDPH-RHB); Fassell, John (CDPH-DFDRS-RHB-RMS); Prendergast, Kent (CDPH-DFDRS-RHB-ICE); Morgan, Larry (CDPH-PS-DDWEM); Hsu, Steve (CDPH-DFDRS-RHB); Woods, Steve (CDPH-DDWEM-EMB-WMS); Denise Tsuji; Dan Ward

Subject: Re: Information on Large Ra Sources

Hi Victor,

As directed by my upper management, I should be working with EMB for CERCLA related inquiries and activities at TI, and RHB should coordinate with EMB in transmitting inquiries/comments to DTSC. At our monthly meeting with the Navy and CDPH, we requested CDPH to identify site activities related to cleanup vs. compliance/inspection. Please identify if this inquiry is related to CERCLA cleanup. If it is, please coordinate with EMB in sending it to DTSC through Tracy Jue and Larry Morgan. If not, you can send your inquiry directly to the Navy. However, we appreciate being informed of the inquiry by including me in the cc list.

Thank you -- Medi

Remedios V. Sunga

Project Manager

Department of Toxics Substances Control

700 Heinz Avenue

Berkeley, California 94710

(510) 540-3840

(510) 540-3819 fax

>>> On 5/23/2011 at 10:21 AM, in message
<59294A8D1BD93047A33B6EB898935F79029311ED@dhsexcmmsg13.intra.dhs.ca.gov>, "Anderson, Victor
(CDPH-RIIB)" <Victor.Anderson@cdph.ca.gov> wrote:
Medi,

It is my understanding that two incidents occurred at Treasure Island involving large Ra-226 sources. The first incident occurred in 2008 and involved the discovery of a large Ra-226 source that reputedly exhibited dose rates in the range of 1 rem/hr. In the other incident, a former employee of Shaw Environmental exceeded their administrative dose limit while working with a large Ra-226 source or sources. Please ask the U.S. Navy and Shaw if they have the following information concerning these incidents:

- Date(s) of incident
- Radioactivity of the sources or sources
- Dose (exposure) rates a 6 inches or better from the sources.
- Where on Treasure Island the sources where found.

If for some reason, this information is part of an ongoing investigation please find out who the investigating agency is.

Thanks,

Victor

Jue, Tracy (CDPH-DDWEM)

From: Remedios Sunga <rsunga@dtsc.ca.gov>
Sent: Monday, May 23, 2011 11:38 AM
To: Jue, Tracy (CDPH-DDWEM)
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Sent: Monday, May 23, 2011 10:56 AM

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Cc: Butner, Gary (CDPH-RHB); Fassell, John (CDPH-DFDRS-RHB-RMS); Prendergast, Kent (CDPH-DFDRS-RHB-ICE); Morgan, Larry (CDPH-PS-DDWEM); Hsu, Steve (CDPH-DFDRS-RHB); Woods, Steve (CDPH-DDWEM-EMB-WMS); Denise Tsuji; Dan Ward

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Thank you -- Medi

Remedios V. Sunga

Project Manager

Department of Toxics Substances Control

700 Heinz Avenue

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>>> On 5/23/2011 at 10:21 AM, in message
<59294A8D1BD93047A33B6EB898935F79029311ED@dhsexcmmsg13.intra.dhs.ca.gov>, "Anderson, Victor
(CDPH-RIIB)" <Victor.Anderson@cdph.ca.gov> wrote:
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- Date(s) of incident
- Radioactivity of the sources or sources
- Dose (exposure) rates a 6 inches or better from the sources.
- Where on Treasure Island the sources where found.

If for some reason, this information is part of an ongoing investigation please find out who the investigating agency is.

Thanks,

Victor

I Alastair email

From: "Konzen, Anthony CTR OASN (EI&E), BRAC PMO West"
<anthony.konzen.ctr@navy.mil>
To: "Anderson, Victor (CDPH-RHB)" <Victor.Anderson@cdph.ca.gov>
CC: "Sullivan, James B CIV OASN (EI&E), BRAC PMO West" <james.b.sullivan2@na...
Date: 1/18/2011 10:48 AM
Subject: RE: Treasure Island Site 12 - Technical Information Requested by CDPH
Attachments: TI Commodity Master Inventory_Rev e.xlsx

Victor - Upon receipt of your Friday email asking about radioactivity estimates I had asked Shaw to look into the matter. The attached spreadsheet shows the estimated radioactivity of the commodities.

Regards,

Tony K.

Anthony D. Konzen, PG 7106, CHG 850
PM, BRAC PMO
1455 Frazee Road, Suite 900
San Diego, CA 92108
Ph: 619-532-0924
Fax: 619-532-0983

-----Original Message-----

From: Anderson, Victor (CDPH-RHB) [mailto:Victor.Anderson@cdph.ca.gov]
Sent: Tuesday, January 18, 2011 9:07
To: Jue, Tracy (CDPH-DDWEM)
Cc: Konzen, Anthony CTR OASN (EI&E), BRAC PMO West; Sullivan, James B CIV OASN (EI&E), BRAC PMO West; bcook@dtsc.ca.gov; Fassell, John (CDPH-DFDRS-RHB-RMS)
Subject: RE: Treasure Island Site 12 - Technical Information Requested by CDPH
Importance: High

Tracy,

Thank you. However, this is not the information I asked for. I already have a listing of commodities and their dose rates. What I want is the estimated radioactivity contained in each of the commonalities listed in Curies, Becquerel's or their subunits. Dose rate is not the amount of radioactivity. Please ask BRAC PMO to provide the information I asked for below. If it is not known, then that it should be stated that the requested information is not known.

Thank you,

Victor Anderson, CHP

Supervising Health Physicist

Radiologic Health Branch

California Department of Public Health

Michael

Michael Tymoff
Office of Economic and Workforce Development
City Hall, Room 448
1 Dr. Carlton B. Goodlett Place
San Francisco, CA 94102

Tel: 415-554-7038

Fax: 415-554-4565

Email: Michael.Tymoff@sfgov.org

"Perry, Charles L
CIV NAVFAC SW,
BRAC"

<charles.l.perry@
navy.mil>

To

"Michael Tymoff"
<Michael.Tymoff@sfgov.org>

cc

03/05/2009 05:15
PM

"Sullivan, James B CIV OASN (I&E)
BRAC PMO West"

<james.b.sullivan2@navy.mil>, "Ryan
Miya" <RMiya@dtsc.ca.gov>

Subject

RE: Dial In Info for Tomorrow's
Tidelands Trust Call

Ryan can add to this but, the main points we're trying to get addressed
are:

- Is Site 28 (figure attached) within the footprint of the proposed
Tidelands Trust exchange? Yes, in order to be able to effectuate
residential development on TI, we're "lifting" the Trust from portions of
TI (approx. 90 acres) and placing them on YBI (which is after transfer,
would not be subject to the Trust b/c it's not formerly submerged or

JULY 2009

NSI NOV 03 - ~~JULY 2009~~

think the first one may have already been answered by the figure you mailed over but we can discuss it tomorrow.

Thank you,
Charles

-----Original Message-----

From: Michael Tymoff [mailto:Michael.Tymoff@sfgov.org]
Sent: Thursday, March 05, 2009 15:59
To: Perry, Charles L CIV NAVFAC SW, BRAC; Ryan Miya
Cc: Sullivan, James B CIV OASN (I&E) BRAC PMO West
Subject: Re: Dial In Info for Tomorrow's Tidelands Trust Call

Can you send a short list of issues/questions you need answered? I'll send Trust Exchange Act and map shortly.

----- Original Message -----

From: Michael Tymoff
Sent: 03/05/2009 03:58 PM PST
To: "Perry, Charles L CIV NAVFAC SW, BRAC" <charles.l.perry@navy.mil>;
"Ryan Miya" <RMiya@dtsc.ca.gov>
Cc: "Jim Sullivan" <james.b.sullivan2@navy.mil>
Subject: Re: Dial In Info for Tomorrow's Tidelands Trust Call

Michael/Ryan,

Here is the dial in information for our call tomorrow at 10:30am. I set up 6 lines just incase anyone else needed to call in.

Thank you,
Charles Perry, PE
Lead Remedial Project Manager
NAVSTA Treasure Island &
NWS Concord Inland Area
Phone: (619) 532-0911
Fax: (619) 532-0983
Charles.L.Perry@navy.mil

Date/Time: March 06, 2009 at 10:30 AM America/Los_Angeles

Length: 90

JULY 2009
NSTL NOV 03 - ~~JULY 2009~~

**TIDA Board/SF Planning Commission Special Joint Meeting:4/21/2011
6:30 PM-8:30 PM, SF City Hall, Board of Sup. Chambers, Rm. 250**

Good evening, Tony Gantner.

First, let me first say that green-lighting a swarm of high-rises on Treasure Island would utterly ruin its iconic stature. There is no way to mitigate such impact, it would be monstrous.

So let me deal with what is unseen for which we have been presented a radiologic lie.

Before you take action, you should be very clear where and to what extent radioactive components are present on TI. At this juncture, it is not a matter of remediation and the Hunter's Point mantra--"that's the Navy's responsibility." Radiological waste is a huge variable. The EIR states at p. 4.P.15 that there are only 2 sites with radioactive implications--Sites 12 & Bldg. 233. But in fact there are other potential sites, including Sites 31-33. And as to Site12 which makes up nearly a quarter of the island, the claim that only an isolated, small portion of the Site is contaminated is not accurate.

Cesium-137, Thorium-232, Radium-226, Strontium-90 and the ever popular Plutonium 239 have made appearances on the island over the years. Some of these isotopes have half lives in thousands of years. Everywhere they've looked for RAD, they've found RAD. And remember the groundwater is very high--you can put activated material in a foot of water and not see it. Potentially, much of the island is toxic.

Last week I went to Treasure Island to review the Base Closure and Realignment Commission Clean-Up Team minutes which are ostensibly public. I was told the minutes were not yet available---for 2010, much less 2011! That's indicia of a cover-up.

First, the Island should be completely surveyed and honestly characterized for radiologic contamination. At the end of the day, the Navy will be presenting the Calif. Dept. of Toxic Substances Control a complete report on the Island. Only after the City has formally heard from a highly skeptical DTSC, should you consider certifying an EIR.

Thank you.

TREASURE ISLAND HISTORICAL RADIOLOGICAL ASSESSMENT
SUPPLEMENTAL TECHNICAL MEMORANDUM
PROPOSED OUTLINE

6 OCTOBER 2011 (with CDPH additions/changes in red as of October 12, 2011)

The following provides the proposed outline for a technical memorandum which shall document the findings of additional investigations relative to radiological operations and disposal and resultant revised conceptual site models for the historical disposal of radioactive materials at Treasure Island. The technical memorandum is for Treasure Island only and excludes Yerba Buena Island (YBI). YBI will be addressed separately through an examination of low level radioactive waste soil (LLRW) transportation work practices.

Executive Summary

2.0 Introduction

- 2.1 Supplemental Technical Memorandum purpose and how it relates to the existing HRA
- 2.2 Technical Memorandum preparation methodologies
- 2.3 Review process for this memo and versions that will be issued (~~review of draft, draft final and final versions~~) *separate AHWTT*
- 2.4 Technical Memorandum organization

3.0 Facility Background

- 3.1 Facility description
- 3.2 Facility history
- 3.3 Historical Radiological Assessment (HRA)

4.0 Previous Radiological Operations

- 4.1 Use of radioactive materials
- 4.2 Disposal practices for radioactive materials
- 4.3 Soil movement since BRAC/Shaw has been working at the site that may have moved radioactive contamination or contaminated materials to areas previously classified as non-impacted

5.0 Recent remediation activities/practices at

- 5.1 Radiologically impacted sites (based on previous HRA?)
- 5.2 Non-radiologically impacted sites (based previous HRA?)

6.0 Conceptual Site Model

- 6.1 Existing Site Conceptual Model (CSM)
- 6.2 Update to CSM
- 6.3 List of sites currently believed to be radiologically impacted based on current knowledge and based on an updated CSM
- 6.4 List of sites believed to be not radiologically impacted based on updated CSM and existing data

6.5 ~~List of sites where status is uncertain~~

7.0 Findings and Recommendations*

7.1 Radiological impacted sites

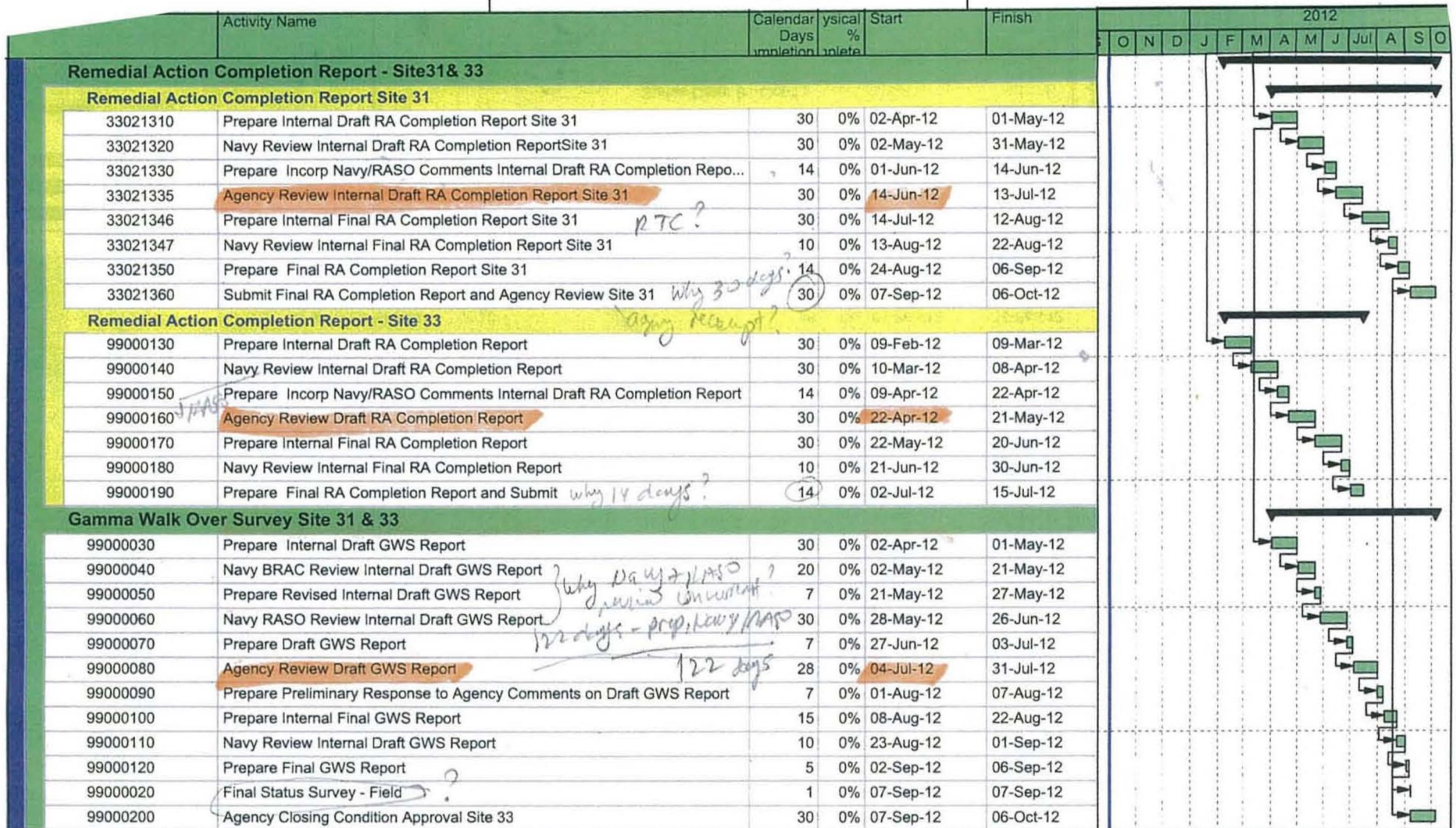
7.2 Additional data requirements

7.3 FOST areas ~~and other areas with uncertain or unknown status with respect to~~
radionuclides

8.0 References*

8.1 Memorandum to Stewart Black of DTSC from Stephen Woods of CDPH dated April 13, 2011 and revised Attachment 2 to that memorandum dated May 6, 2011

* The scope of this proposed technical memorandum will need to address the issues associated with characterization, continued movement of soil on Treasure Island, the need for investigation and characterization planning and other issues and steps to be taken as detailed in the memorandum from CDPH to DTSC dated April 12, 2011 and the revised Attachment 2 to that memorandum. The findings and recommendations should deal with how this updated conceptual model and HRA addendum should be used with respect to further investigation and characterization aimed at resolving the issues covered in that memorandum..



RASO old this schedule?

- Actual Work
- Remaining Work
- Critical Remaining Work
- ◆ Milestone
- └─ Summary

31/33 SMP Schd updates

Page 2 of 2

RAC V 140083 FZN9 Continue RA at Site 31, Site 33

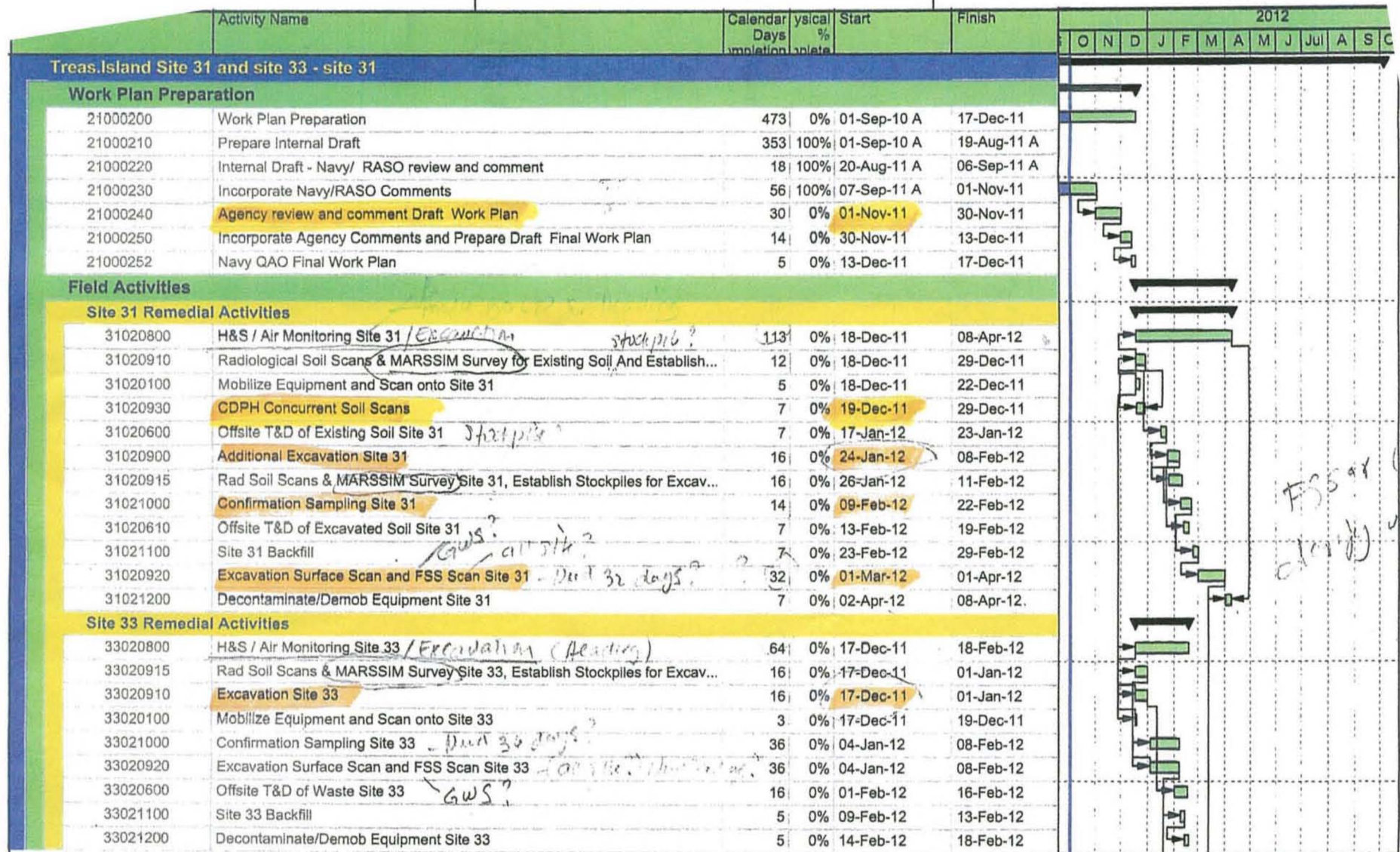
Treasure Island, San Francisco, CA

Status Date: 01-Oct-11



Shaw Environmental & Infrastructure, Inc.

Dawn 11-1



Actual Work
 Remaining Work
 Critical Remaining Work
 Milestone
 Summary

31/33 SMP Schd updates

Page 1 of 2

RAC V 140083 FZN9 Continue RA at Site 31, Site 33

Treasure Island, San Francisco, CA

Status Date: 01-Oct-11



Shaw Environmental & Infrastructure, Inc.

Activity ID	Activity Name	Calendar Days completion	Physical % complete	Start	Finish	2011				2012					
						Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct
21050200	Site 21 Prepare Internal Draft HHRA Addendum	56	0%	16-Jan-12	11-Mar-12										
21050210	Site 21- Navy Review Internal Draft HHRA Addendum	8	0%	12-Mar-12	19-Mar-12										
21050220	Site 21 Prepare Draft HHRA Addendum	18	0%	20-Mar-12	06-Apr-12										
21050230	Site 21 Agency Review Draft HHRA Addendum	25	0%	07-Apr-12	01-May-12										
21050240	Site 21 Prepare Preliminary Response to Agency Comments on Draft HHRA Addendum	24	0%	02-May-12	25-May-12										
21050250	Site 21 Prepare Internal Final HHRA Addendum	11	0%	26-May-12	05-Jun-12										
21050260	Site 21 Navy Review Internal Final HHRA Addendum	6	0%	06-Jun-12	11-Jun-12										
21050270	Site 21 Prepare Final HHRA Addendum	2	0%	12-Jun-12	13-Jun-12										
Site 21 ROD/RAP		109		01-Oct-11	14-Apr-12										
99998010	Site 21 Prepare Internal Draft ROD/RAP	59	0%	01-Oct-11	28-Nov-11										
99998130	Proposed Public Comment Period	30	0%	15-Oct-11	13-Nov-11										
99998020	BCT Scoping Meeting for Site 21 ROD/RAP	0	0%	19-Oct-11	19-Oct-11										
99998140	Proposed Public Meeting	0	0%	02-Nov-11	02-Nov-11										
99998030	Navy Technical Review Internal Draft ROD/RAP	11	0%	28-Nov-11	08-Dec-11										
99998040	Site 21 Incorporate Navy Technical Comments on Internal Draft	7	0%	09-Dec-11	15-Dec-11										
99998050	Site 21 Navy Legal Review Internal Draft	27	0%	16-Dec-11	11-Jan-12										
99998060	Site 21 Prepare Draft ROD/RAP	14	0%	11-Jan-12	24-Jan-12										
99998070	Site 21 Agency Review Draft ROD/RAP	30	0%	24-Jan-12	22-Feb-12										
99998080	Site 21 Preliminary RTCs on Draft ROD/RAP	18	0%	23-Feb-12	11-Mar-12										
99998090	Resolve and Concur on RTCs on Draft ROD/RAP	13	0%	12-Mar-12	24-Mar-12										
99998100	Site 21 Prepare Internal Final ROD/RAP (Agency final Review)	7	0%	25-Mar-12	31-Mar-12										
99998110	Site 21 Navy Review Internal Final ROD/ERAP	7	0%	01-Apr-12	07-Apr-12										
99998120	Site 21 Prepare Final ROD RAP	7	0%	08-Apr-12	14-Apr-12										
Site 24 Final Reports		35		21-Jan-12	24-Feb-12										
24050200	Site 24 Project Report Internal Draft	20	0%	21-Jan-12	09-Feb-12										
24050230	Site 24 Project Report Draft - Agency Comments Response/Resolution and ...	15	0%	10-Feb-12	24-Feb-12										

- Actual Work
- Remaining Work
- Critical Remaining Work
- Milestone
- Summary

FZO1-Site 21 Agencies Schd updates

Page 2 of 2

RAC V 140083 FZN9 Continue RA at Site 31, Site 33 and Bldg # 260

Treasure Island, San Francisco, CA

Status Date: 01-Oct-11



Shaw Environmental & Infrastructure, Inc.

Activity ID	Activity Name	Calendar Days completion	ysical % complete	Start	Finish	2011				2012					
						Sept	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun
Treas. Island Site 24 & 21		378		09-Aug-10 A	13-Jun-12										
WE 1 Project Management & Admin Support		636		09-Aug-10 A	05-May-12										
WE 2 Addendum to Existing Treatability Study Work Plan		183		20-Dec-10 A	08-Nov-11										
Site 21		120		11-Apr-11 A	08-Nov-11										
A3060	Navy Review and Comment - Internal Draft Work Plan	73	100%	11-Apr-11 A	23-Jun-11 A										
24030210	Site 21 Preparation of Internal Draft Work Plan Addendum	87	100%	11-Apr-11 A	07-Jul-11 A										
24030212	Site 21 Preparation of Draft Work Plan Addendum	55	100%	08-Jul-11 A	01-Sep-11 A										
A3080	Site 21 Agency & Navy Review - Draft Work Plan Addendum	28	100%	01-Sep-11 A	29-Sep-11 A										
24030214	Site 21 Preparation of Preliminary Response to Agency Comments Draft-Fi...	13	0%	29-Sep-11 A	11-Oct-11										
24030224	Site 21 Prepare Internal Final Work Plan Addendum	14	0%	12-Oct-11	25-Oct-11										
24030234	Site 21 Navy Review Internal Final Work Plan Addendum	7	0%	26-Oct-11	01-Nov-11										
24030244	Site 21 Final Soil Gas Work Plan Addendum	7	0%	01-Nov-11	08-Nov-11										
Site 24		313		20-Dec-10 A	28-Oct-11										
24030254	Site 24 Preparation of Internal Draft Work Plan Addendum	109	100%	20-Dec-10 A	08-Apr-11 A										
24032060	Site 24 Preparation of Draft Work Plan Addendum	132	100%	08-Apr-11 A	18-Aug-11 A										
24032070	Site 24 Preparation of Final Work Plan Addendum	143	0%	08-Jun-11 A	28-Oct-11										
WE 3 Field Work : Implement Phase 3 Field Activities to Existing Treatability Study Area		105		01-Oct-11	13-Jan-12										
24040100	Mobilization and Equipment	104	0%	01-Oct-11	12-Jan-12										
24040200	Field Supervision	95	0%	01-Oct-11	03-Jan-12										
24040300	Utility Clearance and Site Survey	2	0%	01-Oct-11	02-Oct-11										
24040310	Update System	12	0%	03-Oct-11	14-Oct-11										
24040320	Install New Wells & Pump into 21,000 Gal Tanks for Treatment	14	0%	08-Oct-11	21-Oct-11										
24040330	Inject Bio Barrier Wells	3	0%	22-Oct-11	24-Oct-11										
24040340	System Start up and Direct Inject	10	0%	25-Oct-11	03-Nov-11										
24040400	Run System with Periodic Monitoring	40	0%	04-Nov-11	13-Dec-11										
24040410	1st Round Post Injection GW Sampling (includes analytical and data validat...	8	0%	22-Dec-11	29-Dec-11										
21040500	Site 21 Sampling & Analysis (37 sites)	18	0%	22-Dec-11	08-Jan-12										
24040500	Site 24 Sampling & Analysis (8 sites)	4	0%	30-Dec-11	02-Jan-12										
24040420	2nd Round Post Injection GW Sampling (includes analytical and data valid...	8	0%	05-Jan-12	12-Jan-12										
24040600	Level 3/4 Data Validation Both Sites	5	0%	09-Jan-12	13-Jan-12										
WE 4 Project Final Reports		143		01-Oct-11	13-Jun-12										
21050100	NEDD NIRIS	8	0%	13-Jan-12	20-Jan-12										
Site 21 Final Reports		143		01-Oct-11	13-Jun-12										
Site 21 Soil Gas HHRA Addendum		150		16-Jan-12	13-Jun-12										

- Actual Work
- Remaining Work
- Critical Remaining Work
- Milestone
- Summary

FZO1-Site 21 Agencies Schd updates

Page 1 of 2

RAC V 140083 FZN9 Continue RA at Site 31, Site 33 and Bldg # 260

Treasure Island, San Francisco, CA

Status Date: 01-Oct-11



Shaw Environmental & Infrastructure, Inc.

Activity ID	Activity Name	Calendar Days completion	Physical % complete	Start	Finish	2011				2012					
						Sept	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun
Treas. Island Site 24 & 21		378		09-Aug-10 A	13-Jun-12										
WE 1 Project Management & Admin Support		636		09-Aug-10 A	05-May-12										
WE 2 Addendum to Existing Treatability Study Work Plan		183		20-Dec-10 A	08-Nov-11										
Site 21		120		11-Apr-11 A	08-Nov-11										
A3060	Navy Review and Comment - Internal Draft Work Plan	73	100%	11-Apr-11 A	23-Jun-11 A										
24030210	Site 21 Preparation of Internal Draft Work Plan Addendum	87	100%	11-Apr-11 A	07-Jul-11 A										
24030212	Site 21 Preparation of Draft Work Plan Addendum	55	100%	08-Jul-11 A	01-Sep-11 A										
A3080	Site 21 Agency & Navy Review - Draft Work Plan Addendum	28	100%	01-Sep-11 A	29-Sep-11 A										
24030214	Site 21 Preparation of Preliminary Response to Agency Comments Draft-Fi...	13	0%	29-Sep-11 A	11-Oct-11										
24030224	Site 21 Prepare Internal Final Work Plan Addendum	14	0%	12-Oct-11	25-Oct-11										
24030234	Site 21 Navy Review Internal Final Work Plan Addendum	7	0%	26-Oct-11	01-Nov-11										
24030244	Site 21 Final Soil Gas Work Plan Addendum	7	0%	01-Nov-11	08-Nov-11										
Site 24		313		20-Dec-10 A	28-Oct-11										
24030254	Site 24 Preparation of Internal Draft Work Plan Addendum	109	100%	20-Dec-10 A	08-Apr-11 A										
24032060	Site 24 Preparation of Draft Work Plan Addendum	132	100%	08-Apr-11 A	18-Aug-11 A										
24032070	Site 24 Preparation of Final Work Plan Addendum	143	0%	08-Jun-11 A	28-Oct-11										
WE 3 Field Work : Implement Phase 3 Field Activities to Existing Treatability Study Area		105		01-Oct-11	13-Jan-12										
24040100	Mobilization and Equipment	104	0%	01-Oct-11	12-Jan-12										
24040200	Field Supervision	95	0%	01-Oct-11	03-Jan-12										
24040300	Utility Clearance and Site Survey	2	0%	01-Oct-11	02-Oct-11										
24040310	Update System	12	0%	03-Oct-11	14-Oct-11										
24040320	Install New Wells & Pump into 21,000 Gal Tanks for Treatment	14	0%	08-Oct-11	21-Oct-11										
24040330	Inject Bio Barrier Wells	3	0%	22-Oct-11	24-Oct-11										
24040340	System Start up and Direct Inject	10	0%	25-Oct-11	03-Nov-11										
24040400	Run System with Periodic Monitoring	40	0%	04-Nov-11	13-Dec-11										
24040410	1st Round Post Injection GW Sampling (includes analytical and data validat...	8	0%	22-Dec-11	29-Dec-11										
21040500	Site 21 Sampling & Analysis (37 sites)	18	0%	22-Dec-11	08-Jan-12										
24040500	Site 24 Sampling & Analysis (8 sites)	4	0%	30-Dec-11	02-Jan-12										
24040420	2nd Round Post Injection GW Sampling (includes analytical and data valid...	8	0%	05-Jan-12	12-Jan-12										
24040600	Level 3/4 Data Validation Both Sites	5	0%	09-Jan-12	13-Jan-12										
WE 4 Project Final Reports		143		01-Oct-11	13-Jun-12										
21050100	NEDD NIRIS	8	0%	13-Jan-12	20-Jan-12										
Site 21 Final Reports		143		01-Oct-11	13-Jun-12										
Site 21 Soil Gas HHRA Addendum		150		16-Jan-12	13-Jun-12										

- Actual Work
- Remaining Work
- Critical Remaining Work
- Milestone
- Summary

FZO1-Site 21 Agencies Schd updates

Page 1 of 2

RAC V 140083 FZN9 Continue RA at Site 31, Site 33 and Bldg # 260

Treasure Island, San Francisco, CA

Status Date: 01-Oct-11



Shaw Environmental & Infrastructure, Inc.

Activity ID	Activity Name	Calendar Days	% Complete	Start	Finish	2012														
		Completion				S	O	N	D	J	F	M	A	M	J	J	A	S	O	N
Treasure Island Building 233																				
Characterization and Final Status Survey Plan						235														
		85		01-Oct-11	24-Dec-11															
37000100E	Final Status Survey Plan Draft Incorporate RASO Comments	21	0%	01-Oct-11	21-Oct-11															
37000100G	Final Status Survey Plan Prepare Draft To Agency	30	0%	22-Oct-11	20-Nov-11															
37000100H	Final Status Survey Plan Incorporate Agency Comments Draft Final	14	0%	21-Nov-11	04-Dec-11															
37000100I	Final Status Survey Plan Navy Review Draft Final	14	0%	04-Dec-11	17-Dec-11															
37000100J	Final Status Survey Plan - Prepare Final	7	0%	18-Dec-11	24-Dec-11															
Field Work (Implement Work Plans)						120														
Field Work						120														
24500010	Debris Verification Surveys	14	0%	25-Dec-11	07-Jan-12															
24500020	Survey/Remove Concrete/Asphalt/Piers	14	0%	25-Dec-11	07-Jan-12															
24500030	Remove and Dispose of Existing and New Debris	14	0%	08-Jan-12	21-Jan-12															
24500040	Characterization/Remediation	14	0%	08-Jan-12	21-Jan-12															
24500050	GWS - Static-Biased Soil Sampling	7	0%	22-Jan-12	28-Jan-12															
24500060	Receive 7 Day analytical results (Soil)	0	0%	10-Feb-12	10-Feb-12															
24500070	RASO Approval of Results	1	0%	11-Feb-12	11-Feb-12															
24500090	Receive 28 day Analytical Results and Check	38	0%	11-Feb-12	19-Mar-12															
24500080	CDPH Concurrence (24 hr TAT)	1	0%	12-Feb-12	12-Feb-12															
24500100	FSS (GWS and random Soil Samples)	7	0%	13-Feb-12	19-Feb-12															
24500110	FSS Analytical Soil data Received and Checked	49	0%	20-Feb-12	08-Apr-12															
24500120	BRAC/RASO/CDPH FSS Concurrence	7	0%	09-Apr-12	15-Apr-12															
24500130	Backfill Locations	7	0%	16-Apr-12	22-Apr-12															
Final Status Survey Report Bldg 233						122														
Final Status Survey Report						122														
37000100A10	Final Status Survey Report Internal Draft	44	0%	23-Apr-12	05-Jun-12															
37000100B10	Final Status Survey Report Internal Draft - Navy/BRAC Review	22	0%	05-Jun-12	26-Jun-12															
37000100I10	Final Status Survey Report Navy Review Internal Draft Final	13	0%	27-Jun-12	09-Jul-12															
37000100E10	Final Status Survey Report Draft Incorporate RASO Comments	21	0%	10-Jul-12	30-Jul-12															
37000100G10	Final Status Survey Report Prepare Draft To Agency	22	0%	31-Jul-12	21-Aug-12															
37000100F10	Final Status Survey Report Draft for Agencies Review	19	0%	22-Aug-12	05-Sep-12															
37000100H10	Final Status Survey Report Internal Draft Final	21	0%	06-Sep-12	26-Sep-12															
37000100J30	Final Status Survey Report - Prepare Final	7	0%	27-Sep-12	03-Oct-12															
37000100J40	CDPH Concurrence Letter for unrestricted release	30	0%	04-Oct-12	27-Nov-12															

- Actual Work
- Remaining Work
- Critical Remaining Work
- Milestone
- Summary

Building 233 SMP Schd updates

Page 1 of 1

Building 233

Treasure Island, San Francisco, CA

Status Date: 01-Oct-11



Shaw Environmental & Infrastructure, Inc.

MEMO to the PLANNING COMMISSION 4/12/11**2007.0903E**

Treasure Island/Yerba Buena Island Project

Page 20

The revisions to the Proposed Project would not change the infrastructure proposed to address stormwater management, wastewater treatment, flood protection improvements, or elements of the Proposed Project intended to address potential future sea level rise, described in Chapter II, Project Description, and detailed in Section IV.O, Hydrology and Water Quality, on pp. IV.O.24_IV.O.35. Although tax increment financing would not be available to support construction of utilities infrastructure, funding would be available through the use of one or more IFDs, and no physical impacts would result from the change. Other revisions, such as changing from a Redevelopment Plan to an Area Plan/SUD, revising height limits for buildings on Treasure Island, and reducing maximum amounts of parking for some commercial uses on Treasure Island, would not affect stormwater flows or treatment, and would not affect the flood improvements or strategies to address potential future sea level rise. The less_than_significant impacts identified in Section IV.O, Hydrology and Water Quality, would not change, no new significant impacts would occur, and the significant impact identified in Impact HY_2 on EIR pp. IV.O.38_IV.O.39 would not become more severe as a result of proposed revisions. No new mitigation measures would be required.

P. Hazards and Hazardous Materials

The proposed revisions to the Project would not affect the remediation activities being carried out on Treasure Island by the U.S. Navy described in Section IV.P, Hazards and Hazardous Materials on EIR pp. IV.P.3_IV.P.27 or the transfer process described there and on pp. IV.P.37_IV.P.38. The locations and types of land uses would not change as a result of revisions to the Proposed Project, utilities would remain as proposed, and construction techniques would not change. The significant impacts identified in Section IV.P would not become more severe as a result of revisions to the Proposed Project; mitigation measures identified on pp. IV.P.41_IV.P.43, IV.P.50_IV.P.51, IV.P.52, and IV.P.54, would continue to be applicable. The impacts identified as less than significant would not change. No new significant impacts would result, and no new mitigation measures would be required.

SEE: http://sfmea.sfplanning.org/2007.0903E_Memo.pdf

July 12, 2010 IV.P.15 Treasure Island / Yerba Buena Island
Case No. 2007.0903E Redevelopment Project Draft EIR
http://sfmea.sfplanning.org/2007.0903E_V2.pdf

Radiological Assessment Program

Radiological contamination has been identified by the Navy as one of the contaminants of concern at NSTI. Radiological contamination is generally handled outside of the CERCLA process. By law, the Navy retains responsibility for all radiological contamination, and must be responsible for its remediation. The Navy conducted a base-wide Historical Radiological Assessment ("HRA") to document use of radioactive materials and to present a comprehensive history of radiological operations conducted by the Navy at NSTI. Five sites were identified for further evaluation: Building 233, Building 233 drain lines, Site 12 SWDAs, and Buildings 343 and 344. There is one IR Site, Site 12 (discussed further on p. IV.P.18), where low-level radiological materials have been found among the buried debris where numerous solid waste disposal areas were located.

A summary report prepared by LFR in 2008 on environmental conditions on NSTI identified several other IR sites (Sites 6, 30, 31, and 33) where radiological contamination might be found due to the presence of solid waste disposal areas on those sites. Since preparation of that report, the Navy has conducted additional investigations at these sites that indicated that the remaining low-level radiological material contamination at the Naval base is isolated to small portions of Site 12 and Building 233.¹⁸ The Navy is currently removing the radiological contamination at Site 12. Building 233 (located east of IR Site 33) was a former radiation training facility and had a known release of 50 milligrams of radium sulfate in 1950. The spill was remediated at the time to the relevant standards of that era, which are less stringent than current standards. The Navy has conducted a recent radiological survey of the building and will develop a work plan for demolition and clean up of the radiological contamination present.¹⁹ The radiological cleanup of both Site 12 and Building 233 will occur prior to regulatory closure, which will be obtained prior to transfer. TIDA cannot accept any property with known radiological contamination. If any radiological materials are subsequently discovered during construction activities, the Navy would be responsible and required to perform any necessary remedial activities to obtain "free release" of the subject property.²⁰ A radiological status survey for Buildings 343 and 344 and Building 233 drain lines was conducted in September 2007. In 2008, Final Status Survey Reports were prepared for Buildings 343 and 344. The Buildings 343 and 344 and the Building 233 Drain Lines Scoping Survey Reports were finalized in the fall 2008. DTSC and California Department of Public Health provided free release for Buildings 343 and 344 in 2008.²¹

¹⁷

Arcadis, *Review of Current Conditions regarding Low-Level Radiological Material Contamination at*

Former Naval Air Station Treasure Island, San Francisco, California, April 19, 2010 (hereinafter

"*Review of Current Conditions*, 2010"). A copy of this document is available for public review at the

San Francisco Planning Department, 1650 Mission Street, Suite 400, in Case File No. 2007.0903E.

¹⁸

Review of Current Conditions, 2010.

¹⁹

Review of Current Conditions, 2010.

IA/ast' email

From: "Konzen, Anthony CTR OASN (EI&E), BRAC PMO West"
<anthony.konzen.ctr@navy.mil>
To: "Anderson, Victor (CDPH-RHB)" <Victor.Anderson@cdph.ca.gov>
CC: "Sullivan, James B CIV OASN (EI&E), BRAC PMO West" <james.b.sullivan2@na...>
Date: 1/18/2011 10:48 AM
Subject: RE: Treasure Island Site 12 - Technical Information Requested by CDPH
Attachments: TI Commodity Master Inventory_Rev e.xlsx

Victor - Upon receipt of your Friday email asking about radioactivity estimates I had asked Shaw to look into the matter. The attached spreadsheet shows the estimated radioactivity of the commodities.

Regards,

Tony K.

Anthony D. Konzen, PG 7106, CHG 850
PM, BRAC PMO
1455 Frazee Road, Suite 900
San Diego, CA 92108
Ph: 619-532-0924
Fax: 619-532-0983

-----Original Message-----

From: Anderson, Victor (CDPH-RHB) [mailto:Victor.Anderson@cdph.ca.gov]
Sent: Tuesday, January 18, 2011 9:07
To: Jue, Tracy (CDPH-DDWEM)
Cc: Konzen, Anthony CTR OASN (EI&E), BRAC PMO West; Sullivan, James B CIV OASN (EI&E), BRAC PMO West; bcook@dtsc.ca.gov; Fassell, John (CDPH-DFDRS-RHB-RMS)
Subject: RE: Treasure Island Site 12 - Technical Information Requested by CDPH
Importance: High

Tracy,

Thank you. However, this is not the information I asked for. I already have a listing of commodities and their dose rates. What I want is the estimated radioactivity contained in each of the commonalities listed in Curies, Becquerel's or their subunits. Dose rate is not the amount of radioactivity. Please ask BRAC PMO to provide the information I asked for below. If it is not known, then that it should be stated that the requested information is not known.

Thank you,

Victor Anderson, CHP

Supervising Health Physicist

Radiologic Health Branch

California Department of Public Health

Michael

Michael Tymoff
Office of Economic and Workforce Development
City Hall, Room 448
1 Dr. Carlton B. Goodlett Place
San Francisco, CA 94102

Tel: 415-554-7038

Fax: 415-554-4565

Email: Michael.Tymoff@sfgov.org

"Perry, Charles L
CIV NAVFAC SW,
BRAC"

<charles.l.perry@
navy.mil>

To

"Michael Tymoff"
<Michael.Tymoff@sfgov.org>

cc

03/05/2009 05:15
PM

"Sullivan, James B CIV OASN (I&E)
BRAC PMO West"

<james.b.sullivan2@navy.mil>, "Ryan
Miya" <RMiya@dtsc.ca.gov>

Subject

RE: Dial In Info for Tomorrow's
Tidelands Trust Call

Ryan can add to this but, the main points we're trying to get addressed
are:

- Is Site 28 (figure attached) within the footprint of the proposed
Tidelands Trust exchange? Yes, in order to be able to effectuate
residential development on TI, we're "lifting" the Trust from portions of
TI (approx. 90 acres) and placing them on YBI (which is after transfer,
would not be subject to the Trust b/c it's not formerly submerged or

JULY 2009

NSI NOV 03 - ~~JULY 2009~~

think the first one may have already been answered by the figure you mailed over but we can discuss it tomorrow.

Thank you,
Charles

-----Original Message-----

From: Michael Tymoff [mailto:Michael.Tymoff@sfgov.org]
Sent: Thursday, March 05, 2009 15:59
To: Perry, Charles L CIV NAVFAC SW, BRAC; Ryan Miya
Cc: Sullivan, James B CIV OASN (I&E) BRAC PMO West
Subject: Re: Dial In Info for Tomorrow's Tidelands Trust Call

Can you send a short list of issues/questions you need answered? I'll send Trust Exchange Act and map shortly.

----- Original Message -----

From: Michael Tymoff
Sent: 03/05/2009 03:58 PM PST
To: "Perry, Charles L CIV NAVFAC SW, BRAC" <charles.l.perry@navy.mil>;
"Ryan Miya" <RMiya@dtsc.ca.gov>
Cc: "Jim Sullivan" <james.b.sullivan2@navy.mil>
Subject: Re: Dial In Info for Tomorrow's Tidelands Trust Call

Michael/Ryan,

Here is the dial in information for our call tomorrow at 10:30am. I set up 6 lines just incase anyone else needed to call in.

Thank you,
Charles Perry, PE
Lead Remedial Project Manager
NAVSTA Treasure Island &
NWS Concord Inland Area
Phone: (619) 532-0911
Fax: (619) 532-0983
Charles.L.Perry@navy.mil

Date/Time: March 06, 2009 at 10:30 AM America/Los_Angeles

Length: 90

JULY 2009
NSTL NOV 03 - ~~JULY 2009~~

**TIDA Board/SF Planning Commission Special Joint Meeting:4/21/2011
6:30 PM-8:30 PM, SF City Hall, Board of Sup. Chambers, Rm. 250**

Good evening, Tony Gantner.

First, let me first say that green-lighting a swarm of high-rises on Treasure Island would utterly ruin its iconic stature. There is no way to mitigate such impact, it would be monstrous.

So let me deal with what is unseen for which we have been presented a radiologic lie.

Before you take action, you should be very clear where and to what extent radioactive components are present on TI. At this juncture, it is not a matter of remediation and the Hunter's Point mantra--"that's the Navy's responsibility." Radiological waste is a huge variable. The EIR states at p. 4.P.15 that there are only 2 sites with radioactive implications--Sites 12 & Bldg. 233. But in fact there are other potential sites, including Sites 31-33. And as to Site12 which makes up nearly a quarter of the island, the claim that only an isolated, small portion of the Site is contaminated is not accurate.

Cesium-137, Thorium-232, Radium-226, Strontium-90 and the ever popular Plutonium 239 have made appearances on the island over the years. Some of these isotopes have half lives in thousands of years. Everywhere they've looked for RAD, they've found RAD. And remember the groundwater is very high--you can put activated material in a foot of water and not see it. Potentially, much of the island is toxic.

Last week I went to Treasure Island to review the Base Closure and Realignment Commission Clean-Up Team minutes which are ostensibly public. I was told the minutes were not yet available---for 2010, much less 2011! That's indicia of a cover-up.

First, the Island should be completely surveyed and honestly characterized for radiologic contamination. At the end of the day, the Navy will be presenting the Calif. Dept. of Toxic Substances Control a complete report on the Island. Only after the City has formally heard from a highly skeptical DTSC, should you consider certifying an EIR.

Thank you.

TREASURE ISLAND HISTORICAL RADIOLOGICAL ASSESSMENT
SUPPLEMENTAL TECHNICAL MEMORANDUM
PROPOSED OUTLINE

6 OCTOBER 2011 (with CDPH additions/changes in red as of October 12, 2011)

The following provides the proposed outline for a technical memorandum which shall document the findings of additional investigations relative to radiological operations and disposal and resultant revised conceptual site models for the historical disposal of radioactive materials at Treasure Island. The technical memorandum is for Treasure Island only and excludes Yerba Buena Island (YBI). YBI will be addressed separately through an examination of low level radioactive waste soil (LLRW) transportation work practices.

Executive Summary

2.0 Introduction

- 2.1 Supplemental Technical Memorandum purpose and how it relates to the existing HRA
- 2.2 Technical Memorandum preparation methodologies
- 2.3 Review process for this memo and versions that will be issued (~~review of draft, draft final and final versions~~) *Separate AHWT*
- 2.4 Technical Memorandum organization

3.0 Facility Background

- 3.1 Facility description
- 3.2 Facility history
- 3.3 Historical Radiological Assessment (HRA)

4.0 Previous Radiological Operations

- 4.1 Use of radioactive materials
- 4.2 Disposal practices for radioactive materials
- 4.3 Soil movement since BRAC/Shaw has been working at the site that may have moved radioactive contamination or contaminated materials to areas previously classified as non-impacted

5.0 Recent remediation activities/practices at

- 5.1 Radiologically impacted sites (based on previous HRA?)
- 5.2 Non-radiologically impacted sites (based previous HRA?)

6.0 Conceptual Site Model

- 6.1 Existing Site Conceptual Model (CSM)
- 6.2 Update to CSM
- 6.3 List of sites currently believed to be radiologically impacted based on current knowledge and based on an updated CSM
- 6.4 List of sites believed to be not radiologically impacted based on updated CSM and existing data

~~6.5 List of sites where status is uncertain~~

7.0 Findings and Recommendations*

7.1 Radiological impacted sites

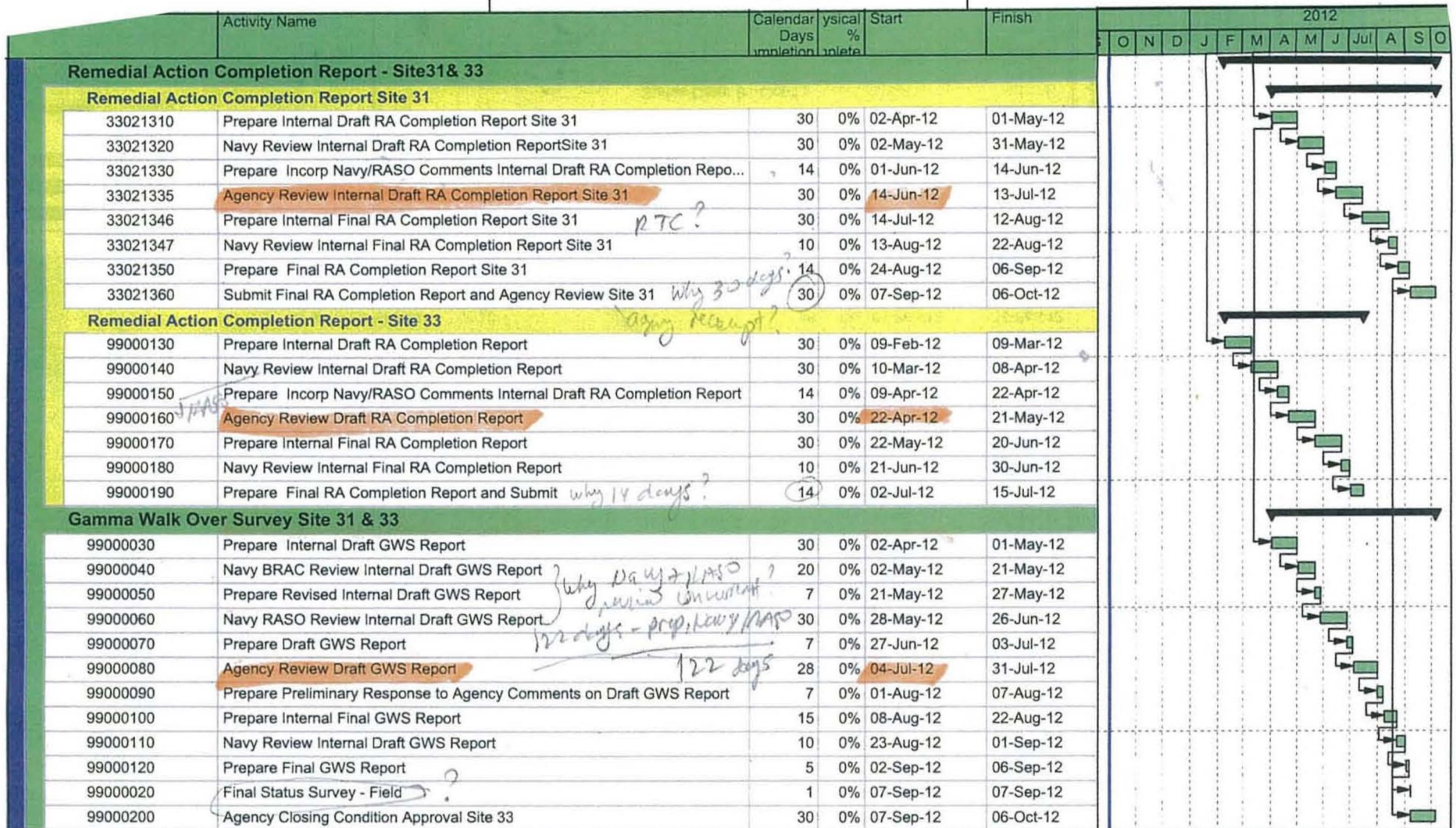
7.2 Additional data requirements

7.3 FOST areas ~~and other areas with uncertain or unknown status with respect to~~
radionuclides

8.0 References*

8.1 Memorandum to Stewart Black of DTSC from Stephen Woods of CDPH dated April 13, 2011 and revised Attachment 2 to that memorandum dated May 6, 2011

* The scope of this proposed technical memorandum will need to address the issues associated with characterization, continued movement of soil on Treasure Island, the need for investigation and characterization planning and other issues and steps to be taken as detailed in the memorandum from CDPH to DTSC dated April 12, 2011 and the revised Attachment 2 to that memorandum. The findings and recommendations should deal with how this updated conceptual model and HRA addendum should be used with respect to further investigation and characterization aimed at resolving the issues covered in that memorandum..



RASO old this schedule?

- Actual Work
- Remaining Work
- Critical Remaining Work
- ◆ Milestone
- └─ Summary

31/33 SMP Schd updates

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RAC V 140083 FZN9 Continue RA at Site 31, Site 33

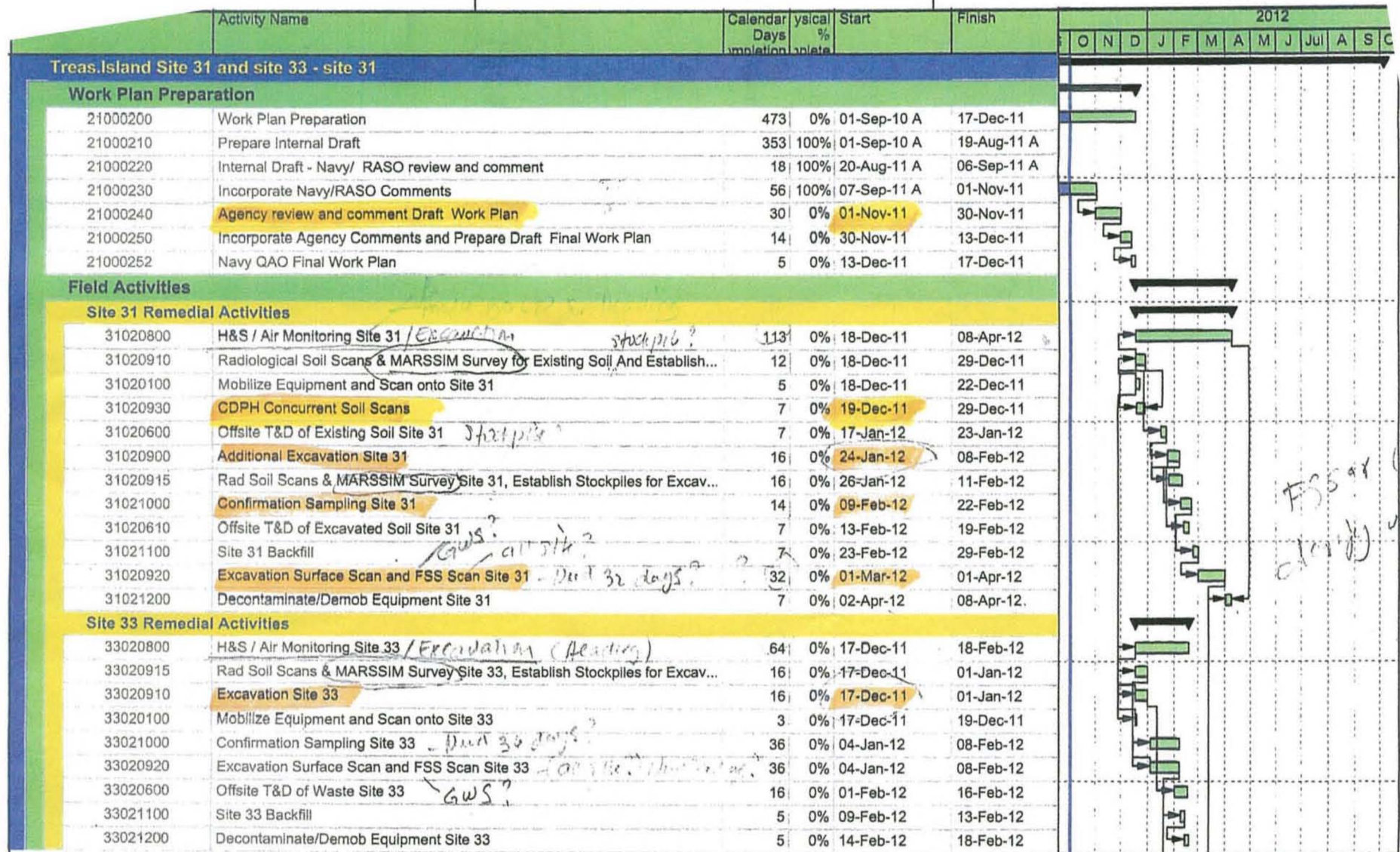
Treasure Island, San Francisco, CA

Status Date: 01-Oct-11



Shaw Environmental & Infrastructure, Inc.

Dawn 11-1



31/33 SMP Schd updates

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RAC V 140083 FZN9 Continue RA at Site 31, Site 33

Treasure Island, San Francisco, CA

Status Date: 01-Oct-11



Shaw Environmental & Infrastructure, Inc.

Activity ID	Activity Name	Calendar Days completion	Physical % complete	Start	Finish	2011				2012					
						Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct
21050200	Site 21 Prepare Internal Draft HHRA Addendum	56	0%	16-Jan-12	11-Mar-12										
21050210	Site 21- Navy Review Internal Draft HHRA Addendum	8	0%	12-Mar-12	19-Mar-12										
21050220	Site 21 Prepare Draft HHRA Addendum	18	0%	20-Mar-12	06-Apr-12										
21050230	Site 21 Agency Review Draft HHRA Addendum	25	0%	07-Apr-12	01-May-12										
21050240	Site 21 Prepare Preliminary Response to Agency Comments on Draft HHRA Addendum	24	0%	02-May-12	25-May-12										
21050250	Site 21 Prepare Internal Final HHRA Addendum	11	0%	26-May-12	05-Jun-12										
21050260	Site 21 Navy Review Internal Final HHRA Addendum	6	0%	06-Jun-12	11-Jun-12										
21050270	Site 21 Prepare Final HHRA Addendum	2	0%	12-Jun-12	13-Jun-12										
Site 21 ROD/RAP		109		01-Oct-11	14-Apr-12										
99998010	Site 21 Prepare Internal Draft ROD/RAP	59	0%	01-Oct-11	28-Nov-11										
99998130	Proposed Public Comment Period	30	0%	15-Oct-11	13-Nov-11										
99998020	BCT Scoping Meeting for Site 21 ROD/RAP	0	0%	19-Oct-11	19-Oct-11										
99998140	Proposed Public Meeting	0	0%	02-Nov-11	02-Nov-11										
99998030	Navy Technical Review Internal Draft ROD/RAP	11	0%	28-Nov-11	08-Dec-11										
99998040	Site 21 Incorporate Navy Technical Comments on Internal Draft	7	0%	09-Dec-11	15-Dec-11										
99998050	Site 21 Navy Legal Review Internal Draft	27	0%	16-Dec-11	11-Jan-12										
99998060	Site 21 Prepare Draft ROD/RAP	14	0%	11-Jan-12	24-Jan-12										
99998070	Site 21 Agency Review Draft ROD/RAP	30	0%	24-Jan-12	22-Feb-12										
99998080	Site 21 Preliminary RTCs on Draft ROD/RAP	18	0%	23-Feb-12	11-Mar-12										
99998090	Resolve and Concur on RTCs on Draft ROD/RAP	13	0%	12-Mar-12	24-Mar-12										
99998100	Site 21 Prepare Internal Final ROD/RAP (Agency final Review)	7	0%	25-Mar-12	31-Mar-12										
99998110	Site 21 Navy Review Internal Final ROD/ERAP	7	0%	01-Apr-12	07-Apr-12										
99998120	Site 21 Prepare Final ROD RAP	7	0%	08-Apr-12	14-Apr-12										
Site 24 Final Reports		35		21-Jan-12	24-Feb-12										
24050200	Site 24 Project Report Internal Draft	20	0%	21-Jan-12	09-Feb-12										
24050230	Site 24 Project Report Draft - Agency Comments Reponse/Resolution and ...	15	0%	10-Feb-12	24-Feb-12										

- Actual Work
- Remaining Work
- Critical Remaining Work
- Milestone
- Summary

FZO1-Site 21 Agencies Schd updates

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RAC V 140083 FZN9 Continue RA at Site 31, Site 33 and Bldg # 260

Treasure Island, San Francisco, CA

Status Date: 01-Oct-11



Shaw Environmental & Infrastructure, Inc.

Activity ID	Activity Name	Calendar Days completion	Physical % complete	Start	Finish	2011				2012					
						Sept	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun
Treas. Island Site 24 & 21		378		09-Aug-10 A	13-Jun-12										
WE 1 Project Management & Admin Support		636		09-Aug-10 A	05-May-12										
WE 2 Addendum to Existing Treatability Study Work Plan		183		20-Dec-10 A	08-Nov-11										
Site 21		120		11-Apr-11 A	08-Nov-11										
A3060	Navy Review and Comment - Internal Draft Work Plan	73	100%	11-Apr-11 A	23-Jun-11 A										
24030210	Site 21 Preparation of Internal Draft Work Plan Addendum	87	100%	11-Apr-11 A	07-Jul-11 A										
24030212	Site 21 Preparation of Draft Work Plan Addendum	55	100%	08-Jul-11 A	01-Sep-11 A										
A3080	Site 21 Agency & Navy Review - Draft Work Plan Addendum	28	100%	01-Sep-11 A	29-Sep-11 A										
24030214	Site 21 Preparation of Preliminary Response to Agency Comments Draft-Fi...	13	0%	29-Sep-11 A	11-Oct-11										
24030224	Site 21 Prepare Internal Final Work Plan Addendum	14	0%	12-Oct-11	25-Oct-11										
24030234	Site 21 Navy Review Internal Final Work Plan Addendum	7	0%	26-Oct-11	01-Nov-11										
24030244	Site 21 Final Soil Gas Work Plan Addendum	7	0%	01-Nov-11	08-Nov-11										
Site 24		313		20-Dec-10 A	28-Oct-11										
24030254	Site 24 Preparation of Internal Draft Work Plan Addendum	109	100%	20-Dec-10 A	08-Apr-11 A										
24032060	Site 24 Preparation of Draft Work Plan Addendum	132	100%	08-Apr-11 A	18-Aug-11 A										
24032070	Site 24 Preparation of Final Work Plan Addendum	143	0%	08-Jun-11 A	28-Oct-11										
WE 3 Field Work : Implement Phase 3 Field Activities to Existing Treatability Study Area		105		01-Oct-11	13-Jan-12										
24040100	Mobilization and Equipment	104	0%	01-Oct-11	12-Jan-12										
24040200	Field Supervision	95	0%	01-Oct-11	03-Jan-12										
24040300	Utility Clearance and Site Survey	2	0%	01-Oct-11	02-Oct-11										
24040310	Update System	12	0%	03-Oct-11	14-Oct-11										
24040320	Install New Wells & Pump into 21,000 Gal Tanks for Treatment	14	0%	08-Oct-11	21-Oct-11										
24040330	Inject Bio Barrier Wells	3	0%	22-Oct-11	24-Oct-11										
24040340	System Start up and Direct Inject	10	0%	25-Oct-11	03-Nov-11										
24040400	Run System with Periodic Monitoring	40	0%	04-Nov-11	13-Dec-11										
24040410	1st Round Post Injection GW Sampling (includes analytical and data validat...	8	0%	22-Dec-11	29-Dec-11										
21040500	Site 21 Sampling & Analysis (37 sites)	18	0%	22-Dec-11	08-Jan-12										
24040500	Site 24 Sampling & Analysis (8 sites)	4	0%	30-Dec-11	02-Jan-12										
24040420	2nd Round Post Injection GW Sampling (includes analytical and data valid...	8	0%	05-Jan-12	12-Jan-12										
24040600	Level 3/4 Data Validation Both Sites	5	0%	09-Jan-12	13-Jan-12										
WE 4 Project Final Reports		143		01-Oct-11	13-Jun-12										
21050100	NEDD NIRIS	8	0%	13-Jan-12	20-Jan-12										
Site 21 Final Reports		143		01-Oct-11	13-Jun-12										
Site 21 Soil Gas HHRA Addendum		150		16-Jan-12	13-Jun-12										

- Actual Work
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- Critical Remaining Work
- ◆ Milestone
- Summary

FZO1-Site 21 Agencies Schd updates

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RAC V 140083 FZN9 Continue RA at Site 31, Site 33 and Bldg # 260

Treasure Island, San Francisco, CA

Status Date: 01-Oct-11



Shaw Environmental & Infrastructure, Inc.

Activity ID	Activity Name	Calendar Days completion	Physical % complete	Start	Finish	2011				2012					
						Sept	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun
Treas. Island Site 24 & 21		378		09-Aug-10 A	13-Jun-12										
WE 1 Project Management & Admin Support		636		09-Aug-10 A	05-May-12										
WE 2 Addendum to Existing Treatability Study Work Plan		183		20-Dec-10 A	08-Nov-11										
Site 21		120		11-Apr-11 A	08-Nov-11										
A3060	Navy Review and Comment - Internal Draft Work Plan	73	100%	11-Apr-11 A	23-Jun-11 A										
24030210	Site 21 Preparation of Internal Draft Work Plan Addendum	87	100%	11-Apr-11 A	07-Jul-11 A										
24030212	Site 21 Preparation of Draft Work Plan Addendum	55	100%	08-Jul-11 A	01-Sep-11 A										
A3080	Site 21 Agency & Navy Review - Draft Work Plan Addendum	28	100%	01-Sep-11 A	29-Sep-11 A										
24030214	Site 21 Preparation of Preliminary Response to Agency Comments Draft-Fi...	13	0%	29-Sep-11 A	11-Oct-11										
24030224	Site 21 Prepare Internal Final Work Plan Addendum	14	0%	12-Oct-11	25-Oct-11										
24030234	Site 21 Navy Review Internal Final Work Plan Addendum	7	0%	26-Oct-11	01-Nov-11										
24030244	Site 21 Final Soil Gas Work Plan Addendum	7	0%	01-Nov-11	08-Nov-11										
Site 24		313		20-Dec-10 A	28-Oct-11										
24030254	Site 24 Preparation of Internal Draft Work Plan Addendum	109	100%	20-Dec-10 A	08-Apr-11 A										
24032060	Site 24 Preparation of Draft Work Plan Addendum	132	100%	08-Apr-11 A	18-Aug-11 A										
24032070	Site 24 Preparation of Final Work Plan Addendum	143	0%	08-Jun-11 A	28-Oct-11										
WE 3 Field Work : Implement Phase 3 Field Activities to Existing Treatability Study Area		105		01-Oct-11	13-Jan-12										
24040100	Mobilization and Equipment	104	0%	01-Oct-11	12-Jan-12										
24040200	Field Supervision	95	0%	01-Oct-11	03-Jan-12										
24040300	Utility Clearance and Site Survey	2	0%	01-Oct-11	02-Oct-11										
24040310	Update System	12	0%	03-Oct-11	14-Oct-11										
24040320	Install New Wells & Pump into 21,000 Gal Tanks for Treatment	14	0%	08-Oct-11	21-Oct-11										
24040330	Inject Bio Barrier Wells	3	0%	22-Oct-11	24-Oct-11										
24040340	System Start up and Direct Inject	10	0%	25-Oct-11	03-Nov-11										
24040400	Run System with Periodic Monitoring	40	0%	04-Nov-11	13-Dec-11										
24040410	1st Round Post Injection GW Sampling (includes analytical and data validat...	8	0%	22-Dec-11	29-Dec-11										
21040500	Site 21 Sampling & Analysis (37 sites)	18	0%	22-Dec-11	08-Jan-12										
24040500	Site 24 Sampling & Analysis (8 sites)	4	0%	30-Dec-11	02-Jan-12										
24040420	2nd Round Post Injection GW Sampling (includes analytical and data valid...	8	0%	05-Jan-12	12-Jan-12										
24040600	Level 3/4 Data Validation Both Sites	5	0%	09-Jan-12	13-Jan-12										
WE 4 Project Final Reports		143		01-Oct-11	13-Jun-12										
21050100	NEDD NIRIS	8	0%	13-Jan-12	20-Jan-12										
Site 21 Final Reports		143		01-Oct-11	13-Jun-12										
Site 21 Soil Gas HHRA Addendum		150		16-Jan-12	13-Jun-12										

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FZO1-Site 21 Agencies Schd updates

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RAC V 140083 FZN9 Continue RA at Site 31, Site 33 and Bldg # 260

Treasure Island, San Francisco, CA

Status Date: 01-Oct-11



Shaw Environmental & Infrastructure, Inc.

Activity ID	Activity Name	Calendar Days	% Complete	Start	Finish	2012														
						S	O	N	D	J	F	M	A	M	J	J	A	S	O	N
Treasure Island Building 233				235		01-Oct-11	27-Nov-12													
Characterization and Final Status Survey Plan				85		01-Oct-11	24-Dec-11													
37000100E	Final Status Survey Plan Draft Incorporate RASO Comments	21	0%	01-Oct-11	21-Oct-11															
37000100G	Final Status Survey Plan Prepare Draft To Agency	30	0%	22-Oct-11	20-Nov-11															
37000100H	Final Status Survey Plan Incorporate Agency Comments Draft Final	14	0%	21-Nov-11	04-Dec-11															
37000100I	Final Status Survey Plan Navy Review Draft Final	14	0%	04-Dec-11	17-Dec-11															
37000100J	Final Status Survey Plan - Prepare Final	7	0%	18-Dec-11	24-Dec-11															
Field Work (Implement Work Plans)				120		25-Dec-11	22-Apr-12													
Field Work				120		25-Dec-11	22-Apr-12													
24500010	Debris Verification Surveys	14	0%	25-Dec-11	07-Jan-12															
24500020	Survey/Remove Concrete/Asphalt/Piers	14	0%	25-Dec-11	07-Jan-12															
24500030	Remove and Dispose of Existing and New Debris	14	0%	08-Jan-12	21-Jan-12															
24500040	Characterization/Remediation	14	0%	08-Jan-12	21-Jan-12															
24500050	GWS - Static-Biased Soil Sampling	7	0%	22-Jan-12	28-Jan-12															
24500060	Receive 7 Day analytical results (Soil)	0	0%	10-Feb-12	10-Feb-12															
24500070	RASO Approval of Results	1	0%	11-Feb-12	11-Feb-12															
24500090	Receive 28 day Analytical Results and Check	38	0%	11-Feb-12	19-Mar-12															
24500080	CDPH Concurrence (24 hr TAT)	1	0%	12-Feb-12	12-Feb-12															
24500100	FSS (GWS and random Soil Samples)	7	0%	13-Feb-12	19-Feb-12															
24500110	FSS Analytical Soil data Received and Checked	49	0%	20-Feb-12	08-Apr-12															
24500120	BRAC/RASO/CDPH FSS Concurrence	7	0%	09-Apr-12	15-Apr-12															
24500130	Backfill Locations	7	0%	16-Apr-12	22-Apr-12															
Final Status Survey Report Bldg 233				122		23-Apr-12	27-Nov-12													
Final Status Survey Report				122		23-Apr-12	27-Nov-12													
37000100A10	Final Status Survey Report Internal Draft	44	0%	23-Apr-12	05-Jun-12															
37000100B10	Final Status Survey Report Internal Draft - Navy/BRAC Review	22	0%	05-Jun-12	26-Jun-12															
37000100I10	Final Status Survey Report Navy Review Internal Draft Final	13	0%	27-Jun-12	09-Jul-12															
37000100E10	Final Status Survey Report Draft Incorporate RASO Comments	21	0%	10-Jul-12	30-Jul-12															
37000100G10	Final Status Survey Report Prepare Draft To Agency	22	0%	31-Jul-12	21-Aug-12															
37000100F10	Final Status Survey Report Draft for Agencies Review	15	0%	22-Aug-12	05-Sep-12															
37000100H10	Final Status Survey Report Internal Draft Final	21	0%	06-Sep-12	26-Sep-12															
37000100J30	Final Status Survey Report - Prepare Final	7	0%	27-Sep-12	03-Oct-12															
37000100J40	CDPH Concurrence Letter for unrestricted release	30	0%	04-Oct-12	27-Nov-12															

- Actual Work
- Remaining Work
- Critical Remaining Work
- Milestone
- Summary

Building 233 SMP Schd updates

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Building 233

Treasure Island, San Francisco, CA

Status Date: 01-Oct-11



Shaw Environmental & Infrastructure, Inc.

MEMO to the PLANNING COMMISSION 4/12/11**2007.0903E**

Treasure Island/Yerba Buena Island Project

Page 20

The revisions to the Proposed Project would not change the infrastructure proposed to address stormwater management, wastewater treatment, flood protection improvements, or elements of the Proposed Project intended to address potential future sea level rise, described in Chapter II, Project Description, and detailed in Section IV.O, Hydrology and Water Quality, on pp. IV.O.24_IV.O.35. Although tax increment financing would not be available to support construction of utilities infrastructure, funding would be available through the use of one or more IFDs, and no physical impacts would result from the change. Other revisions, such as changing from a Redevelopment Plan to an Area Plan/SUD, revising height limits for buildings on Treasure Island, and reducing maximum amounts of parking for some commercial uses on Treasure Island, would not affect stormwater flows or treatment, and would not affect the flood improvements or strategies to address potential future sea level rise. The less_than_significant impacts identified in Section IV.O, Hydrology and Water Quality, would not change, no new significant impacts would occur, and the significant impact identified in Impact HY_2 on EIR pp. IV.O.38_IV.O.39 would not become more severe as a result of proposed revisions. No new mitigation measures would be required.

P. Hazards and Hazardous Materials

The proposed revisions to the Project would not affect the remediation activities being carried out on Treasure Island by the U.S. Navy described in Section IV.P, Hazards and Hazardous Materials on EIR pp. IV.P.3_IV.P.27 or the transfer process described there and on pp. IV.P.37_IV.P.38. The locations and types of land uses would not change as a result of revisions to the Proposed Project, utilities would remain as proposed, and construction techniques would not change. The significant impacts identified in Section IV.P would not become more severe as a result of revisions to the Proposed Project; mitigation measures identified on pp. IV.P.41_IV.P.43, IV.P.50_IV.P.51, IV.P.52, and IV.P.54, would continue to be applicable. The impacts identified as less than significant would not change. No new significant impacts would result, and no new mitigation measures would be required.

SEE: http://sfmea.sfplanning.org/2007.0903E_Memo.pdf

July 12, 2010 IV.P.15 Treasure Island / Yerba Buena Island
Case No. 2007.0903E Redevelopment Project Draft EIR
http://sfmea.sfplanning.org/2007.0903E_V2.pdf

Radiological Assessment Program

Radiological contamination has been identified by the Navy as one of the contaminants of concern at NSTI. Radiological contamination is generally handled outside of the CERCLA process. By law, the Navy retains responsibility for all radiological contamination, and must be responsible for its remediation. The Navy conducted a base-wide Historical Radiological Assessment ("HRA") to document use of radioactive materials and to present a comprehensive history of radiological operations conducted by the Navy at NSTI. Five sites were identified for further evaluation: Building 233, Building 233 drain lines, Site 12 SWDAs, and Buildings 343 and 344. There is one IR Site, Site 12 (discussed further on p. IV.P.18), where low-level radiological materials have been found among the buried debris where numerous solid waste disposal areas were located.

A summary report prepared by LFR in 2008 on environmental conditions on NSTI identified several other IR sites (Sites 6, 30, 31, and 33) where radiological contamination might be found due to the presence of solid waste disposal areas on those sites. Since preparation of that report, the Navy has conducted additional investigations at these sites that indicated that the remaining low-level radiological material contamination at the Naval base is isolated to small portions of Site 12 and Building 233.¹⁸ The Navy is currently removing the radiological contamination at Site 12. Building 233 (located east of IR Site 33) was a former radiation training facility and had a known release of 50 milligrams of radium sulfate in 1950. The spill was remediated at the time to the relevant standards of that era, which are less stringent than current standards. The Navy has conducted a recent radiological survey of the building and will develop a work plan for demolition and clean up of the radiological contamination present.¹⁹ The radiological cleanup of both Site 12 and Building 233 will occur prior to regulatory closure, which will be obtained prior to transfer. TIDA cannot accept any property with known radiological contamination. If any radiological materials are subsequently discovered during construction activities, the Navy would be responsible and required to perform any necessary remedial activities to obtain "free release" of the subject property.²⁰ A radiological status survey for Buildings 343 and 344 and Building 233 drain lines was conducted in September 2007. In 2008, Final Status Survey Reports were prepared for Buildings 343 and 344. The Buildings 343 and 344 and the Building 233 Drain Lines Scoping Survey Reports were finalized in the fall 2008. DTSC and California Department of Public Health provided free release for Buildings 343 and 344 in 2008.²¹

¹⁷

Arcadis, *Review of Current Conditions regarding Low-Level Radiological Material Contamination at*

Former Naval Air Station Treasure Island, San Francisco, California, April 19, 2010 (hereinafter

"*Review of Current Conditions*, 2010"). A copy of this document is available for public review at the

San Francisco Planning Department, 1650 Mission Street, Suite 400, in Case File No. 2007.0903E.

¹⁸

Review of Current Conditions, 2010.

¹⁹

Review of Current Conditions, 2010.

IA/ast' email

From: "Konzen, Anthony CTR OASN (EI&E), BRAC PMO West"
<anthony.konzen.ctr@navy.mil>
To: "Anderson, Victor (CDPH-RHB)" <Victor.Anderson@cdph.ca.gov>
CC: "Sullivan, James B CIV OASN (EI&E), BRAC PMO West" <james.b.sullivan2@na...
Date: 1/18/2011 10:48 AM
Subject: RE: Treasure Island Site 12 - Technical Information Requested by CDPH
Attachments: TI Commodity Master Inventory_Rev e.xlsx

Victor - Upon receipt of your Friday email asking about radioactivity estimates I had asked Shaw to look into the matter. The attached spreadsheet shows the estimated radioactivity of the commodities.

Regards,

Tony K.

Anthony D. Konzen, PG 7106, CHG 850
PM, BRAC PMO
1455 Frazee Road, Suite 900
San Diego, CA 92108
Ph: 619-532-0924
Fax: 619-532-0983

-----Original Message-----

From: Anderson, Victor (CDPH-RHB) [mailto:Victor.Anderson@cdph.ca.gov]
Sent: Tuesday, January 18, 2011 9:07
To: Jue, Tracy (CDPH-DDWEM)
Cc: Konzen, Anthony CTR OASN (EI&E), BRAC PMO West; Sullivan, James B CIV OASN (EI&E), BRAC PMO West; bcook@dtsc.ca.gov; Fassell, John (CDPH-DFDRS-RHB-RMS)
Subject: RE: Treasure Island Site 12 - Technical Information Requested by CDPH
Importance: High

Tracy,

Thank you. However, this is not the information I asked for. I already have a listing of commodities and their dose rates. What I want is the estimated radioactivity contained in each of the commonalities listed in Curies, Becquerel's or their subunits. Dose rate is not the amount of radioactivity. Please ask BRAC PMO to provide the information I asked for below. If it is not known, then that it should be stated that the requested information is not known.

Thank you,

Victor Anderson, CHP

Supervising Health Physicist

Radiologic Health Branch

California Department of Public Health

Michael

Michael Tymoff
Office of Economic and Workforce Development
City Hall, Room 448
1 Dr. Carlton B. Goodlett Place
San Francisco, CA 94102

Tel: 415-554-7038

Fax: 415-554-4565

Email: Michael.Tymoff@sfgov.org

"Perry, Charles L
CIV NAVFAC SW,
BRAC"

<charles.l.perry@
navy.mil>

To

"Michael Tymoff"
<Michael.Tymoff@sfgov.org>

cc

03/05/2009 05:15
PM

"Sullivan, James B CIV OASN (I&E)
BRAC PMO West"

<james.b.sullivan2@navy.mil>, "Ryan
Miya" <RMiya@dtsc.ca.gov>

Subject

RE: Dial In Info for Tomorrow's
Tidelands Trust Call

Ryan can add to this but, the main points we're trying to get addressed
are:

- Is Site 28 (figure attached) within the footprint of the proposed
Tidelands Trust exchange? Yes, in order to be able to effectuate
residential development on TI, we're "lifting" the Trust from portions of
TI (approx. 90 acres) and placing them on YBI (which is after transfer,
would not be subject to the Trust b/c it's not formerly submerged or

JULY 2009

NSI NOV 03 - ~~JULY 2009~~

think the first one may have already been answered by the figure you mailed over but we can discuss it tomorrow.

Thank you,
Charles

-----Original Message-----

From: Michael Tymoff [mailto:Michael.Tymoff@sfgov.org]
Sent: Thursday, March 05, 2009 15:59
To: Perry, Charles L CIV NAVFAC SW, BRAC; Ryan Miya
Cc: Sullivan, James B CIV OASN (I&E) BRAC PMO West
Subject: Re: Dial In Info for Tomorrow's Tidelands Trust Call

Can you send a short list of issues/questions you need answered? I'll send Trust Exchange Act and map shortly.

----- Original Message -----

From: Michael Tymoff
Sent: 03/05/2009 03:58 PM PST
To: "Perry, Charles L CIV NAVFAC SW, BRAC" <charles.l.perry@navy.mil>;
"Ryan Miya" <RMiya@dtsc.ca.gov>
Cc: "Jim Sullivan" <james.b.sullivan2@navy.mil>
Subject: Re: Dial In Info for Tomorrow's Tidelands Trust Call

Michael/Ryan,

Here is the dial in information for our call tomorrow at 10:30am. I set up 6 lines just incase anyone else needed to call in.

Thank you,
Charles Perry, PE
Lead Remedial Project Manager
NAVSTA Treasure Island &
NWS Concord Inland Area
Phone: (619) 532-0911
Fax: (619) 532-0983
Charles.L.Perry@navy.mil

Date/Time: March 06, 2009 at 10:30 AM America/Los_Angeles

Length: 90

JULY 2009
NSTL NOV 03 - ~~JULY 2009~~

**TIDA Board/SF Planning Commission Special Joint Meeting:4/21/2011
6:30 PM-8:30 PM, SF City Hall, Board of Sup. Chambers, Rm. 250**

Good evening, Tony Gantner.

First, let me first say that green-lighting a swarm of high-rises on Treasure Island would utterly ruin its iconic stature. There is no way to mitigate such impact, it would be monstrous.

So let me deal with what is unseen for which we have been presented a radiologic lie.

Before you take action, you should be very clear where and to what extent radioactive components are present on TI. At this juncture, it is not a matter of remediation and the Hunter's Point mantra--"that's the Navy's responsibility." Radiological waste is a huge variable. The EIR states at p. 4.P.15 that there are only 2 sites with radioactive implications--Sites 12 & Bldg. 233. But in fact there are other potential sites, including Sites 31-33. And as to Site12 which makes up nearly a quarter of the island, the claim that only an isolated, small portion of the Site is contaminated is not accurate.

Cesium-137, Thorium-232, Radium-226, Strontium-90 and the ever popular Plutonium 239 have made appearances on the island over the years. Some of these isotopes have half lives in thousands of years. Everywhere they've looked for RAD, they've found RAD. And remember the groundwater is very high--you can put activated material in a foot of water and not see it. Potentially, much of the island is toxic.

Last week I went to Treasure Island to review the Base Closure and Realignment Commission Clean-Up Team minutes which are ostensibly public. I was told the minutes were not yet available---for 2010, much less 2011! That's indicia of a cover-up.

First, the Island should be completely surveyed and honestly characterized for radiologic contamination. At the end of the day, the Navy will be presenting the Calif. Dept. of Toxic Substances Control a complete report on the Island. Only after the City has formally heard from a highly skeptical DTSC, should you consider certifying an EIR.

Thank you.

TREASURE ISLAND HISTORICAL RADIOLOGICAL ASSESSMENT
SUPPLEMENTAL TECHNICAL MEMORANDUM
PROPOSED OUTLINE

6 OCTOBER 2011 (with CDPH additions/changes in red as of October 12, 2011)

The following provides the proposed outline for a technical memorandum which shall document the findings of additional investigations relative to radiological operations and disposal and resultant revised conceptual site models for the historical disposal of radioactive materials at Treasure Island. The technical memorandum is for Treasure Island only and excludes Yerba Buena Island (YBI). YBI will be addressed separately through an examination of low level radioactive waste soil (LLRW) transportation work practices.

Executive Summary

2.0 Introduction

- 2.1 Supplemental Technical Memorandum purpose and how it relates to the existing HRA
- 2.2 Technical Memorandum preparation methodologies
- 2.3 Review process for this memo and versions that will be issued (~~review of draft, draft final and final versions~~) *separate AHWTT*
- 2.4 Technical Memorandum organization

3.0 Facility Background

- 3.1 Facility description
- 3.2 Facility history
- 3.3 Historical Radiological Assessment (HRA)

4.0 Previous Radiological Operations

- 4.1 Use of radioactive materials
- 4.2 Disposal practices for radioactive materials
- 4.3 Soil movement since BRAC/Shaw has been working at the site that may have moved radioactive contamination or contaminated materials to areas previously classified as non-impacted

5.0 Recent remediation activities/practices at

- 5.1 Radiologically impacted sites (based on previous HRA?)
- 5.2 Non-radiologically impacted sites (based previous HRA?)

6.0 Conceptual Site Model

- 6.1 Existing Site Conceptual Model (CSM)
- 6.2 Update to CSM
- 6.3 List of sites currently believed to be radiologically impacted based on current knowledge and based on an updated CSM
- 6.4 List of sites believed to be not radiologically impacted based on updated CSM and existing data

~~6.5 List of sites where status is uncertain~~

7.0 Findings and Recommendations*

7.1 Radiological impacted sites

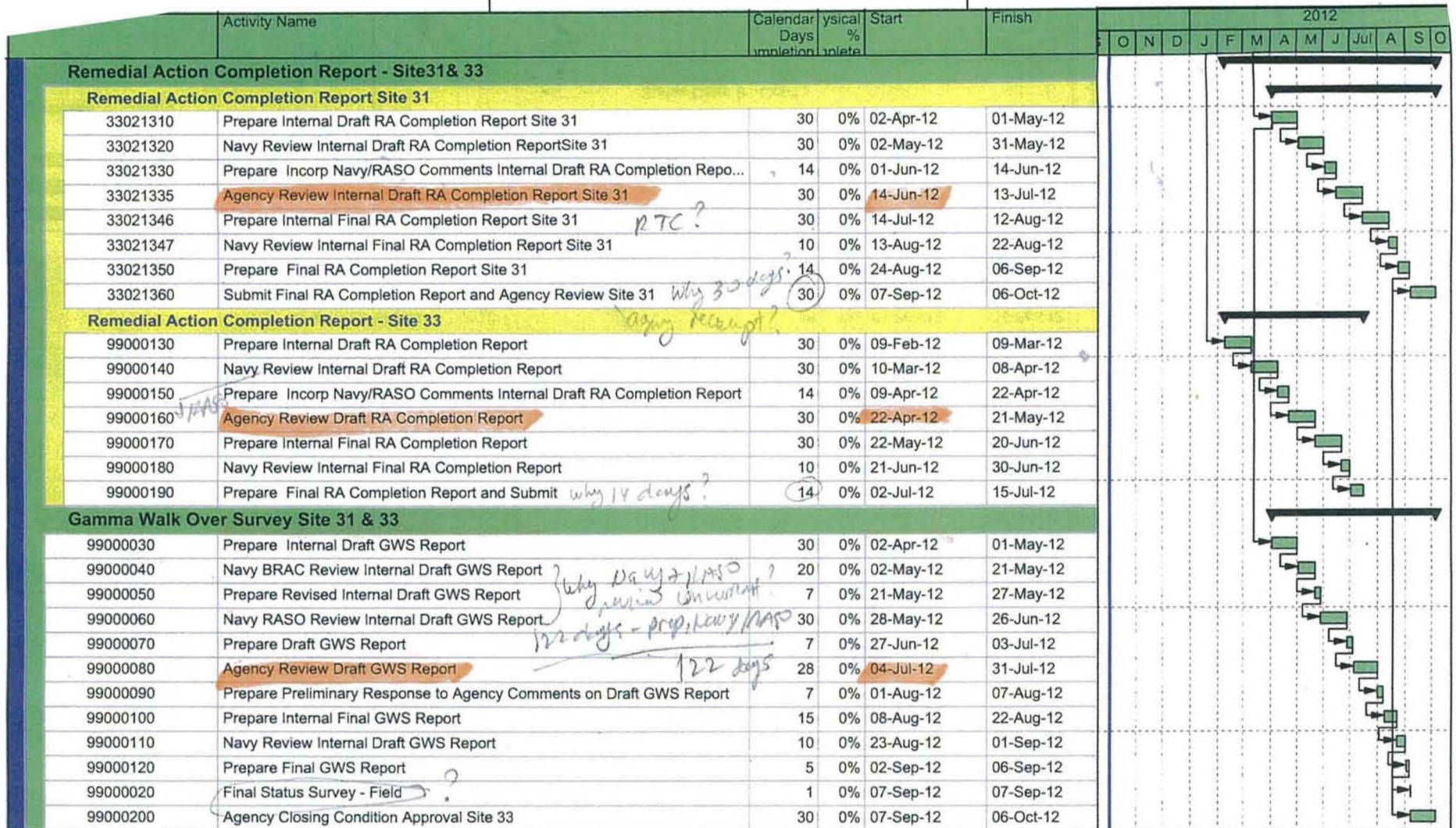
7.2 Additional data requirements

7.3 FOST areas ~~and other areas with uncertain or unknown status with respect to~~
radionuclides

8.0 References*

8.1 Memorandum to Stewart Black of DTSC from Stephen Woods of CDPH dated April 13, 2011 and revised Attachment 2 to that memorandum dated May 6, 2011

* The scope of this proposed technical memorandum will need to address the issues associated with characterization, continued movement of soil on Treasure Island, the need for investigation and characterization planning and other issues and steps to be taken as detailed in the memorandum from CDPH to DTSC dated April 12, 2011 and the revised Attachment 2 to that memorandum. The findings and recommendations should deal with how this updated conceptual model and HRA addendum should be used with respect to further investigation and characterization aimed at resolving the issues covered in that memorandum..



RASO old this schedule?

- Actual Work
- Remaining Work
- Critical Remaining Work
- ◆ Milestone
- └─ Summary

31/33 SMP Schd updates

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RAC V 140083 FZN9 Continue RA at Site 31, Site 33

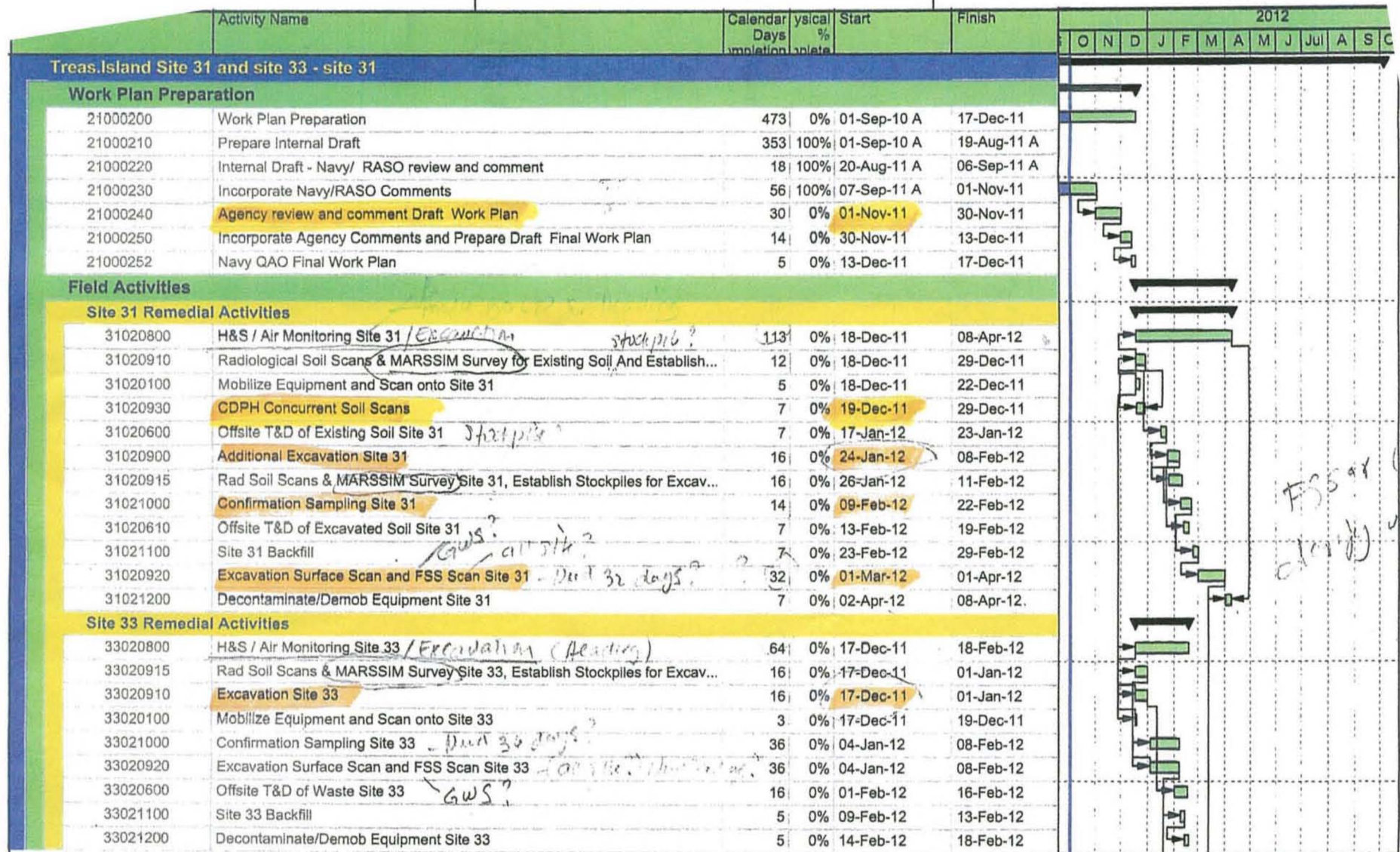
Treasure Island, San Francisco, CA

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Shaw Environmental & Infrastructure, Inc.

Dawn 11-1



Actual Work
 Remaining Work
 Critical Remaining Work
 Milestone
 Summary

31/33 SMP Schd updates

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RAC V 140083 FZN9 Continue RA at Site 31, Site 33

Treasure Island, San Francisco, CA

Status Date: 01-Oct-11



Shaw Environmental & Infrastructure, Inc.

Activity ID	Activity Name	Calendar Days completion	Physical % complete	Start	Finish	2011				2012					
						Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct
21050200	Site 21 Prepare Internal Draft HHRA Addendum	56	0%	16-Jan-12	11-Mar-12										
21050210	Site 21- Navy Review Internal Draft HHRA Addendum	8	0%	12-Mar-12	19-Mar-12										
21050220	Site 21 Prepare Draft HHRA Addendum	18	0%	20-Mar-12	06-Apr-12										
21050230	Site 21 Agency Review Draft HHRA Addendum	25	0%	07-Apr-12	01-May-12										
21050240	Site 21 Prepare Preliminary Response to Agency Comments on Draft HHRA Addendum	24	0%	02-May-12	25-May-12										
21050250	Site 21 Prepare Internal Final HHRA Addendum	11	0%	26-May-12	05-Jun-12										
21050260	Site 21 Navy Review Internal Final HHRA Addendum	6	0%	06-Jun-12	11-Jun-12										
21050270	Site 21 Prepare Final HHRA Addendum	2	0%	12-Jun-12	13-Jun-12										
Site 21 ROD/RAP		109		01-Oct-11	14-Apr-12										
99998010	Site 21 Prepare Internal Draft ROD/RAP	59	0%	01-Oct-11	28-Nov-11										
99998130	Proposed Public Comment Period	30	0%	15-Oct-11	13-Nov-11										
99998020	BCT Scoping Meeting for Site 21 ROD/RAP	0	0%	19-Oct-11	19-Oct-11										
99998140	Proposed Public Meeting	0	0%	02-Nov-11	02-Nov-11										
99998030	Navy Technical Review Internal Draft ROD/RAP	11	0%	28-Nov-11	08-Dec-11										
99998040	Site 21 Incorporate Navy Technical Comments on Internal Draft	7	0%	09-Dec-11	15-Dec-11										
99998050	Site 21 Navy Legal Review Internal Draft	27	0%	16-Dec-11	11-Jan-12										
99998060	Site 21 Prepare Draft ROD/RAP	14	0%	11-Jan-12	24-Jan-12										
99998070	Site 21 Agency Review Draft ROD/RAP	30	0%	24-Jan-12	22-Feb-12										
99998080	Site 21 Preliminary RTCs on Draft ROD/RAP	18	0%	23-Feb-12	11-Mar-12										
99998090	Resolve and Concur on RTCs on Draft ROD/RAP	13	0%	12-Mar-12	24-Mar-12										
99998100	Site 21 Prepare Internal Final ROD/RAP (Agency final Review)	7	0%	25-Mar-12	31-Mar-12										
99998110	Site 21 Navy Review Internal Final ROD/ERAP	7	0%	01-Apr-12	07-Apr-12										
99998120	Site 21 Prepare Final ROD RAP	7	0%	08-Apr-12	14-Apr-12										
Site 24 Final Reports		35		21-Jan-12	24-Feb-12										
24050200	Site 24 Project Report Internal Draft	20	0%	21-Jan-12	09-Feb-12										
24050230	Site 24 Project Report Draft - Agency Comments Reponse/Resolution and ...	15	0%	10-Feb-12	24-Feb-12										

- Actual Work
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FZO1-Site 21 Agencies Schd updates

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RAC V 140083 FZN9 Continue RA at Site 31, Site 33 and Bldg # 260

Treasure Island, San Francisco, CA

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Shaw Environmental & Infrastructure, Inc.

Activity ID	Activity Name	Calendar Days completion	ysical % complete	Start	Finish	2011				2012					
						Sept	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun
Treas. Island Site 24 & 21		378		09-Aug-10 A	13-Jun-12										
WE 1 Project Management & Admin Support		636		09-Aug-10 A	05-May-12										
WE 2 Addendum to Existing Treatability Study Work Plan		183		20-Dec-10 A	08-Nov-11										
Site 21		120		11-Apr-11 A	08-Nov-11										
A3060	Navy Review and Comment - Internal Draft Work Plan	73	100%	11-Apr-11 A	23-Jun-11 A										
24030210	Site 21 Preparation of Internal Draft Work Plan Addendum	87	100%	11-Apr-11 A	07-Jul-11 A										
24030212	Site 21 Preparation of Draft Work Plan Addendum	55	100%	08-Jul-11 A	01-Sep-11 A										
A3080	Site 21 Agency & Navy Review - Draft Work Plan Addendum	28	100%	01-Sep-11 A	29-Sep-11 A										
24030214	Site 21 Preparation of Preliminary Response to Agency Comments Draft-Fi...	13	0%	29-Sep-11 A	11-Oct-11										
24030224	Site 21 Prepare Internal Final Work Plan Addendum	14	0%	12-Oct-11	25-Oct-11										
24030234	Site 21 Navy Review Internal Final Work Plan Addendum	7	0%	26-Oct-11	01-Nov-11										
24030244	Site 21 Final Soil Gas Work Plan Addendum	7	0%	01-Nov-11	08-Nov-11										
Site 24		313		20-Dec-10 A	28-Oct-11										
24030254	Site 24 Preparation of Internal Draft Work Plan Addendum	109	100%	20-Dec-10 A	08-Apr-11 A										
24032060	Site 24 Preparation of Draft Work Plan Addendum	132	100%	08-Apr-11 A	18-Aug-11 A										
24032070	Site 24 Preparation of Final Work Plan Addendum	143	0%	08-Jun-11 A	28-Oct-11										
WE 3 Field Work : Implement Phase 3 Field Activities to Existing Treatability Study Area		105		01-Oct-11	13-Jan-12										
24040100	Mobilization and Equipment	104	0%	01-Oct-11	12-Jan-12										
24040200	Field Supervision	95	0%	01-Oct-11	03-Jan-12										
24040300	Utility Clearance and Site Survey	2	0%	01-Oct-11	02-Oct-11										
24040310	Update System	12	0%	03-Oct-11	14-Oct-11										
24040320	Install New Wells & Pump into 21,000 Gal Tanks for Treatment	14	0%	08-Oct-11	21-Oct-11										
24040330	Inject Bio Barrier Wells	3	0%	22-Oct-11	24-Oct-11										
24040340	System Start up and Direct Inject	10	0%	25-Oct-11	03-Nov-11										
24040400	Run System with Periodic Monitoring	40	0%	04-Nov-11	13-Dec-11										
24040410	1st Round Post Injection GW Sampling (includes analytical and data validat...	8	0%	22-Dec-11	29-Dec-11										
21040500	Site 21 Sampling & Analysis (37 sites)	18	0%	22-Dec-11	08-Jan-12										
24040500	Site 24 Sampling & Analysis (8 sites)	4	0%	30-Dec-11	02-Jan-12										
24040420	2nd Round Post Injection GW Sampling (includes analytical and data valid...	8	0%	05-Jan-12	12-Jan-12										
24040600	Level 3/4 Data Validation Both Sites	5	0%	09-Jan-12	13-Jan-12										
WE 4 Project Final Reports		143		01-Oct-11	13-Jun-12										
21050100	NEDD NIRIS	8	0%	13-Jan-12	20-Jan-12										
Site 21 Final Reports		143		01-Oct-11	13-Jun-12										
Site 21 Soil Gas HHRA Addendum		150		16-Jan-12	13-Jun-12										

- Actual Work
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FZO1-Site 21 Agencies Schd updates

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RAC V 140083 FZN9 Continue RA at Site 31, Site 33 and Bldg # 260

Treasure Island, San Francisco, CA

Status Date: 01-Oct-11



Shaw Environmental & Infrastructure, Inc.

Activity ID	Activity Name	Calendar Days completion	Physical % complete	Start	Finish	2011				2012					
						Sept	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun
Treas. Island Site 24 & 21		378		09-Aug-10 A	13-Jun-12										
WE 1 Project Management & Admin Support		636		09-Aug-10 A	05-May-12										
WE 2 Addendum to Existing Treatability Study Work Plan		183		20-Dec-10 A	08-Nov-11										
Site 21		120		11-Apr-11 A	08-Nov-11										
A3060	Navy Review and Comment - Internal Draft Work Plan	73	100%	11-Apr-11 A	23-Jun-11 A										
24030210	Site 21 Preparation of Internal Draft Work Plan Addendum	87	100%	11-Apr-11 A	07-Jul-11 A										
24030212	Site 21 Preparation of Draft Work Plan Addendum	55	100%	08-Jul-11 A	01-Sep-11 A										
A3080	Site 21 Agency & Navy Review - Draft Work Plan Addendum	28	100%	01-Sep-11 A	29-Sep-11 A										
24030214	Site 21 Preparation of Preliminary Response to Agency Comments Draft-Fi...	13	0%	29-Sep-11 A	11-Oct-11										
24030224	Site 21 Prepare Internal Final Work Plan Addendum	14	0%	12-Oct-11	25-Oct-11										
24030234	Site 21 Navy Review Internal Final Work Plan Addendum	7	0%	26-Oct-11	01-Nov-11										
24030244	Site 21 Final Soil Gas Work Plan Addendum	7	0%	01-Nov-11	08-Nov-11										
Site 24		313		20-Dec-10 A	28-Oct-11										
24030254	Site 24 Preparation of Internal Draft Work Plan Addendum	109	100%	20-Dec-10 A	08-Apr-11 A										
24032060	Site 24 Preparation of Draft Work Plan Addendum	132	100%	08-Apr-11 A	18-Aug-11 A										
24032070	Site 24 Preparation of Final Work Plan Addendum	143	0%	08-Jun-11 A	28-Oct-11										
WE 3 Field Work : Implement Phase 3 Field Activities to Existing Treatability Study Area		105		01-Oct-11	13-Jan-12										
24040100	Mobilization and Equipment	104	0%	01-Oct-11	12-Jan-12										
24040200	Field Supervision	95	0%	01-Oct-11	03-Jan-12										
24040300	Utility Clearance and Site Survey	2	0%	01-Oct-11	02-Oct-11										
24040310	Update System	12	0%	03-Oct-11	14-Oct-11										
24040320	Install New Wells & Pump into 21,000 Gal Tanks for Treatment	14	0%	08-Oct-11	21-Oct-11										
24040330	Inject Bio Barrier Wells	3	0%	22-Oct-11	24-Oct-11										
24040340	System Start up and Direct Inject	10	0%	25-Oct-11	03-Nov-11										
24040400	Run System with Periodic Monitoring	40	0%	04-Nov-11	13-Dec-11										
24040410	1st Round Post Injection GW Sampling (includes analytical and data validat...	8	0%	22-Dec-11	29-Dec-11										
21040500	Site 21 Sampling & Analysis (37 sites)	18	0%	22-Dec-11	08-Jan-12										
24040500	Site 24 Sampling & Analysis (8 sites)	4	0%	30-Dec-11	02-Jan-12										
24040420	2nd Round Post Injection GW Sampling (includes analytical and data valid...	8	0%	05-Jan-12	12-Jan-12										
24040600	Level 3/4 Data Validation Both Sites	5	0%	09-Jan-12	13-Jan-12										
WE 4 Project Final Reports		143		01-Oct-11	13-Jun-12										
21050100	NEDD NIRIS	8	0%	13-Jan-12	20-Jan-12										
Site 21 Final Reports		143		01-Oct-11	13-Jun-12										
Site 21 Soil Gas HHRA Addendum		150		16-Jan-12	13-Jun-12										

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RAC V 140083 FZN9 Continue RA at Site 31, Site 33 and Bldg # 260

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Shaw Environmental & Infrastructure, Inc.

Activity ID	Activity Name	Calendar Days	% Complete	Start	Finish	2012														
		Completion				S	O	N	D	J	F	M	A	M	J	J	A	S	O	N
Treasure Island Building 233																				
Characterization and Final Status Survey Plan						235														
		85		01-Oct-11	24-Dec-11															
37000100E	Final Status Survey Plan Draft Incorporate RASO Comments	21	0%	01-Oct-11	21-Oct-11															
37000100G	Final Status Survey Plan Prepare Draft To Agency	30	0%	22-Oct-11	20-Nov-11															
37000100H	Final Status Survey Plan Incorporate Agency Comments Draft Final	14	0%	21-Nov-11	04-Dec-11															
37000100I	Final Status Survey Plan Navy Review Draft Final	14	0%	04-Dec-11	17-Dec-11															
37000100J	Final Status Survey Plan - Prepare Final	7	0%	18-Dec-11	24-Dec-11															
Field Work (Implement Work Plans)						120														
Field Work						120														
24500010	Debris Verification Surveys	14	0%	25-Dec-11	07-Jan-12															
24500020	Survey/Remove Concrete/Asphalt/Piers	14	0%	25-Dec-11	07-Jan-12															
24500030	Remove and Dispose of Existing and New Debris	14	0%	08-Jan-12	21-Jan-12															
24500040	Characterization/Remediation	14	0%	08-Jan-12	21-Jan-12															
24500050	GWS - Static-Biased Soil Sampling	7	0%	22-Jan-12	28-Jan-12															
24500060	Receive 7 Day analytical results (Soil)	0	0%	10-Feb-12	10-Feb-12															
24500070	RASO Approval of Results	1	0%	11-Feb-12	11-Feb-12															
24500090	Receive 28 day Analytical Results and Check	38	0%	11-Feb-12	19-Mar-12															
24500080	CDPH Concurrence (24 hr TAT)	1	0%	12-Feb-12	12-Feb-12															
24500100	FSS (GWS and random Soil Samples)	7	0%	13-Feb-12	19-Feb-12															
24500110	FSS Analytical Soil data Received and Checked	49	0%	20-Feb-12	08-Apr-12															
24500120	BRAC/RASO/CDPH FSS Concurrence	7	0%	09-Apr-12	15-Apr-12															
24500130	Backfill Locations	7	0%	16-Apr-12	22-Apr-12															
Final Status Survey Report Bldg 233						122														
Final Status Survey Report						122														
37000100A10	Final Status Survey Report Internal Draft	44	0%	23-Apr-12	05-Jun-12															
37000100B10	Final Status Survey Report Internal Draft - Navy/BRAC Review	22	0%	05-Jun-12	26-Jun-12															
37000100I10	Final Status Survey Report Navy Review Internal Draft Final	13	0%	27-Jun-12	09-Jul-12															
37000100E10	Final Status Survey Report Draft Incorporate RASO Comments	21	0%	10-Jul-12	30-Jul-12															
37000100G10	Final Status Survey Report Prepare Draft To Agency	22	0%	31-Jul-12	21-Aug-12															
37000100F10	Final Status Survey Report Draft for Agencies Review	19	0%	22-Aug-12	05-Sep-12															
37000100H10	Final Status Survey Report Internal Draft Final	21	0%	06-Sep-12	26-Sep-12															
37000100J30	Final Status Survey Report - Prepare Final	7	0%	27-Sep-12	03-Oct-12															
37000100J40	CDPH Concurrence Letter for unrestricted release	30	0%	04-Oct-12	27-Nov-12															

- Actual Work
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Building 233 SMP Schd updates

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Building 233

Treasure Island, San Francisco, CA

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Shaw Environmental & Infrastructure, Inc.

MEMO to the PLANNING COMMISSION 4/12/11**2007.0903E**

Treasure Island/Yerba Buena Island Project

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The revisions to the Proposed Project would not change the infrastructure proposed to address stormwater management, wastewater treatment, flood protection improvements, or elements of the Proposed Project intended to address potential future sea level rise, described in Chapter II, Project Description, and detailed in Section IV.O, Hydrology and Water Quality, on pp. IV.O.24_IV.O.35. Although tax increment financing would not be available to support construction of utilities infrastructure, funding would be available through the use of one or more IFDs, and no physical impacts would result from the change. Other revisions, such as changing from a Redevelopment Plan to an Area Plan/SUD, revising height limits for buildings on Treasure Island, and reducing maximum amounts of parking for some commercial uses on Treasure Island, would not affect stormwater flows or treatment, and would not affect the flood improvements or strategies to address potential future sea level rise. The less_than_significant impacts identified in Section IV.O, Hydrology and Water Quality, would not change, no new significant impacts would occur, and the significant impact identified in Impact HY_2 on EIR pp. IV.O.38_IV.O.39 would not become more severe as a result of proposed revisions. No new mitigation measures would be required.

P. Hazards and Hazardous Materials

The proposed revisions to the Project would not affect the remediation activities being carried out on Treasure Island by the U.S. Navy described in Section IV.P, Hazards and Hazardous Materials on EIR pp. IV.P.3_IV.P.27 or the transfer process described there and on pp. IV.P.37_IV.P.38. The locations and types of land uses would not change as a result of revisions to the Proposed Project, utilities would remain as proposed, and construction techniques would not change. The significant impacts identified in Section IV.P would not become more severe as a result of revisions to the Proposed Project; mitigation measures identified on pp. IV.P.41_IV.P.43, IV.P.50_IV.P.51, IV.P.52, and IV.P.54, would continue to be applicable. The impacts identified as less than significant would not change. No new significant impacts would result, and no new mitigation measures would be required.

SEE: http://sfmea.sfplanning.org/2007.0903E_Memo.pdf

July 12, 2010 IV.P.15 Treasure Island / Yerba Buena Island
Case No. 2007.0903E Redevelopment Project Draft EIR
http://sfmea.sfplanning.org/2007.0903E_V2.pdf

Radiological Assessment Program

Radiological contamination has been identified by the Navy as one of the contaminants of concern at NSTI. Radiological contamination is generally handled outside of the CERCLA process. By law, the Navy retains responsibility for all radiological contamination, and must be responsible for its remediation. The Navy conducted a base-wide Historical Radiological Assessment ("HRA") to document use of radioactive materials and to present a comprehensive history of radiological operations conducted by the Navy at NSTI. Five sites were identified for further evaluation: Building 233, Building 233 drain lines, Site 12 SWDAs, and Buildings 343 and 344. There is one IR Site, Site 12 (discussed further on p. IV.P.18), where low-level radiological materials have been found among the buried debris where numerous solid waste disposal areas were located.

A summary report prepared by LFR in 2008 on environmental conditions on NSTI identified several other IR sites (Sites 6, 30, 31, and 33) where radiological contamination might be found due to the presence of solid waste disposal areas on those sites. Since preparation of that report, the Navy has conducted additional investigations at these sites that indicated that the remaining low-level radiological material contamination at the Naval base is isolated to small portions of Site 12 and Building 233.¹⁸ The Navy is currently removing the radiological contamination at Site 12. Building 233 (located east of IR Site 33) was a former radiation training facility and had a known release of 50 milligrams of radium sulfate in 1950. The spill was remediated at the time to the relevant standards of that era, which are less stringent than current standards. The Navy has conducted a recent radiological survey of the building and will develop a work plan for demolition and clean up of the radiological contamination present.¹⁹ The radiological cleanup of both Site 12 and Building 233 will occur prior to regulatory closure, which will be obtained prior to transfer. TIDA cannot accept any property with known radiological contamination. If any radiological materials are subsequently discovered during construction activities, the Navy would be responsible and required to perform any necessary remedial activities to obtain "free release" of the subject property.²⁰ A radiological status survey for Buildings 343 and 344 and Building 233 drain lines was conducted in September 2007. In 2008, Final Status Survey Reports were prepared for Buildings 343 and 344. The Buildings 343 and 344 and the Building 233 Drain Lines Scoping Survey Reports were finalized in the fall 2008. DTSC and California Department of Public Health provided free release for Buildings 343 and 344 in 2008.²¹

¹⁷

Arcadis, *Review of Current Conditions regarding Low-Level Radiological Material Contamination at*

Former Naval Air Station Treasure Island, San Francisco, California, April 19, 2010 (hereinafter

"*Review of Current Conditions*, 2010"). A copy of this document is available for public review at the

San Francisco Planning Department, 1650 Mission Street, Suite 400, in Case File No. 2007.0903E.

¹⁸

Review of Current Conditions, 2010.

¹⁹

Review of Current Conditions, 2010.